## **DESIGN PATENTS**

JANUARY 1977 -- DECEMBER 1999



April 2000 U.S. PATENT AND TRADEMARK OFFICE OFFICE FOR PATENT AND TRADEMARK INFORMATION / TAF PROGRAM PK3 - SUITE 441, WASHINGTON, DC 20231 TEL (703) 306-2600/ FAX (703 306-2737

A TECHNOLOGY ASSESSMENT AND FORECAST REPORT

### Design Patents Report 1/1977 - 12/1999 Explanation of Data

This Technology Assessment and Forecast (TAF) Program Report profiles patent activity for U.S. design patents (hereafter referred to as patents) granted between 1977 and **December 1999**. The source of the data used for this report is the TAF database maintained by the Office for Patent and Trademark Information.

Data Distribution By Date of Grant and By Date of Application

#### Parts A1 and A2

Part A1 distributes patent GRANT data by year of patent grant ("Patents Granted By Date of Patent Grant"). Part A2 distributes grant data by the year in which the patented application was filed ("Patents Granted By Date of Patent Application"). Parts A1 and A2 each provide patent counts (pages A1-1 and A2-1) and percent distributions (pages A1-2 and A2-2).

Patent data in the "Pre 1986" column corresponds to the period January 1, 1977 through **December 31, 1985**.

#### Part B

Part B of this report distributes patent GRANT data for organizations that have received U.S. patents since 1977. Data are presented by the year in which the patent was granted ("Patents By Year of Grant") and the year the patented application was filed ("Patents by Year of Application").

DATA FOR THOSE APPLICATIONS WHICH WERE FILED BUT NEVER ISSUED (ROUGHLY 30% OF TOTAL FILINGS) ARE NOT INCLUDED IN THIS REPORT.

Since the average time period between filing for a design patent and the issuing of that patent (i.e., a patent's "pendency") is now about 18 months, the patented application data for the most recent years are incomplete.\* This is because a significant number of the applications filed in the most recent years, which will ultimately become patents, were still pending in **December 1999**. Since they had not yet become patents at the time this report was prepared, they were not included in this report.

Patented application data are of significant value since the date an application was filed more accurately reflects when the technology was developed. Additionally, fluctuations in data based on application date are much more likely to reflect changes in technological activity, since such fluctuations would for the most part be immune from changes in PTO processing such as occurred in 1986 when the PTO issued fewer patents than would normally have been expected due to a lack of funds to print patents. Note that a patent's

"pendency" can be quite variable from one patent to another thereby affecting the date of patent grant. Such variation in pendency is determined by many factors, including PTO workload (which varies between technologies), budget and manpower levels, patent printing schedules, etc.

Parts of the Report

Parts A1 and A2 present tables which show, by number and percent, the patent activity. Part A1 presents data by year of patent grant ("Patents Granted by Date of Patent Grant"). Part A2 redistributes grant data by year of patent application ("Patents Granted by Date of Patent Application"). The location of patent origin is determined by the residence of the first-named inventor at the time of grant.

Information on **patent ownership** reflects ownership at the time of patent grant and does not include subsequent changes in ownership. If more than one assignee was declared at the time of grant, the patent is attributed to the first-named assignee. The U.S. and Foreign Corporations ownership categories count predominantly corporate patents; however, patents assigned to other organizations such as small businesses, nonprofit organizations, universities, etc. are also included in this category. While U.S. Government patent ownership includes only patents granted to the Federal Government, no such distinction is made for Foreign Government patents.

**Part B** is a ranked listing of national and international organizations (i.e., corporations, universities, government agencies) which have received 50 or more U.S. design patents since 1977. Data line 1 for each listed organization distributes counts of patent grants by year of grant. Data line 2 for each organization redistributes those <u>same</u> patent grants by year in which the patented application was filed. Information on patent ownership reflects ownership at the time of patent grant. Although a substantial effort has been made to combine name variations into a single organizational name, many organizations continue to have patents listed under more than one organizational name.

<sup>\*</sup> As of **December 31, 1999**, DESIGN patent application data were approximately 95% complete for patent applications filed in 1997 and 67% complete for applications filed in 1998. They are essentially complete for applications filed prior to 1997.

# Part A1 Patent Grants As Distributed By Year of Patent Grant

DESIGN PATENTS, 1977 - 1999 Page A1- 1

		Patents	Granted	ву г	Date Of	Patent	Grant	(Granted:	Jan 01,	. 1977 -	Dec 31,	1999)					
							N	UMBER OF	PATENTS								
	Pre 1986	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	Total	
Total	39115	5518	5959	5679	6092	8024	9569	9269	10630	11095	11712	11410	11414	14767	14732	174985	
U.S. Origin	28838	3546	3902	3645	3883	5069	6075	6013	7416	7697	8251	7863	7747	9913	9654	119512	
Foreign Origin	10277	1972	2057	2034	2209	2955	3494	3256	3214	3398	3461	3547	3667	4854	5078	55473	
JAPAN	3252	620	698	795	861	1137	1307	1149	1037	1056	1026	936	948	1207	1310	17339	
CANADA	983	134	169	152	153	212	260	240	275	360	330	401	418	547	438	5072	
TAIWAN	79	61	67	78	97	129	190	250	320	368	466	522	539	705	833	4704	
GERMANY	866	156	173	147	144	182	257	258	228	208	221	250	239	410	485	4224	
UNITED KINGDOM	916	222	159	153	153	202	237	193	197	186	181	202	196	230	300	3727	
FRANCE	730	115	107	98	129	184	193	234	215	182	169	201	212	282	253	3304	
ITALY	443	100	99	91	124	227	176	172	165	143	159	179	165	231	179	2653	
SWEDEN	770	138	138	113	88	114	112	98	102	93	107	115	100	118	136	2342	
CHINA, HONG KONG S.A.	R 281	80	56	63	86	99	159	99	121	163	162	159	180	213	258	2179	
AUSTRALIA	436	76	69	62	74	81	98	83	88	91	85	87	76	95	113	1614	
SWITZERLAND	329	43	63	48	54	57	110	93	69	73	127	74	89	94	110	1433	
DENMARK	127	28	40	43	37	43	72	77	60	93	99	66	89	66	86	1026	
NETHERLANDS	183	66	49	34	41	46	55	66	78	83	57	44	55	84	80	1021	
SOUTH KOREA	21	9	21	29	24	65	44	48	50	65	78	72	73	103	109	811	
BELGIUM	125	20	26	21	16	37	40	43	25	30	19	26	40	42	64	574	
FINLAND	120	16	17	7	20	10	12	19	17	29	27	9	15	34	45	397	
AUSTRIA	79	21	12	13	10	29	29	30	26	25	21	25	17	19	25	381	
SPAIN	65	3	9	6	15	18	32	14	26	26	19	28	15	60	42	378	
ISRAEL	24	7	10	9	11	7	17	8	22	24	26	32	43	50	42	332	
NORWAY	76	7	27	14	15	7	8	13	9	4	8	11	15	34	21	269	
NEW ZEALAND	57	10	10	12	9	10	5	9	5	11	12	23	22	27	11	233	
LUXEMBOURG	21	5	3	9	9	10	14	10	13	22	10	9	20	26	13	194	
MEXICO	29		5	1	2	2	13	6	5	8	5	7	11	20	17	131	
SOUTH AFRICA	25	3	5	4	8	8	6	4	7	8	4	5	13	11	15	126	
IRELAND	16	4	2	4	6	7	4	6	6	1	8	10	4	7	10	95	
SINGAPORE	3	1	1	2	4	4	10	3	6	8	8	9	6	16	8	89	
URUGUAY	71	3													2	76	
BRAZIL	10		1	8	2	4	4	3	2	1	7	6	4	14	7	73	
MALAYSIA	6					3	1	6	6	6	1	12	12	12	4	69	
GREECE	30	10	12	7	1	2			1		1			1	1	66	
PHILIPPINES	2				1	4	3		1				17	11	9	48	
U.S.S.R.	27	1		1	1	3	4	1	2	4						44	
THAILAND	1					1			12	3	2		6	8	9	42	
CHINA P.REP.	4	2		1		1	2				1	2	4	16	9	42	
YUGOSLAVIA	8	1	3	4	3	2	3		5		1	1	1	2	1	36	
ARGENTINA	10			2	3	2	3		1	2	1	2	2	3	2	36	
Others ( 56 )	52	10	6	3	8	6	14	17	12	22	13	22	21	56	31	293	
Ownership:																	
U.S. Corporations	15443	2118	2290	2122	2235	2824	3409		3844	4278	4615	4463	4711	5880	6134	67724	
U.S. Government	8	1			3	1		1		2	3		5	2		26	
U.S. Individuals	13974	1567	1718	1619	1746	2407	2889	2779	3675	3571	3795	3566	3247	4226	3698	54477	
Foreign Corporations	6979	1407	1528	1550	1704	2253	2598	2494	2460	2483	2460	2500	2541	3459	3747	40163	
Foreign Government Foreign Individuals	8 2703	425	1 422	388	3 401	539	673	1	651	1 760	839	881	910	1200	1153	14 12581	

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		Patents	Granted	By D	ate Of	Patent	Grant	(Granted:	: Jan 01,	1977 -	Dec 31,	1999)				
								PERCENT OF	בא מיניאניים							
	Pre 1986	1986	1007	1000	1000	1990				1994	1995	1006	1007	1998	1000	Total
	Pre 1986	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1996	1999	Total
Total	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
U.S. Origin	74	64	65	64	64	63	63	65	70	69	70	69	68	67	66	68
Foreign Origin	26	36	35	36	36	37	37	35	30	31	30	31	32	33	34	32
JAPAN	8	11	12	14	14	14	14	12	10	10	9	8	8	8	9	10
CANADA	3	2	3	3	3	3	3		3	3	3	4	4	4	3	3
TAIWAN	_	1	1	1	2	2	2		3	3	4	5	5	5	6	3
GERMANY	2	3	3	3	2	2	3		2	2	2	2	2	3	3	2
UNITED KINGDOM	2	4	3	3	3	3	2		2	2	2	2	2	2	2	2
FRANCE	2	2	2	2	2	2	2		2	2	1	2	2	2	2	2
ITALY	1	2	2	2	2	3	2		2	1	1	2	1	2	1	2
SWEDEN	2	3	2	2	1	1	1		1	1	1	1	1	1	1	1
		1									1			1	2	
CHINA, HONG KONG S.A.R			1	1	1	1	2		1	1		1 1	2		1	1
AUSTRALIA	1	1	1		1	1	1		1	1	1		1	1		1
SWITZERLAND	1	1	1	1	1	1	1		1	1	1	1	1	1	1	1
DENMARK		1	1	1	1	1	1		1	1	1	1	1		1	1
NETHERLANDS		1	1	1	1	1	1		1	1				1	1	1
SOUTH KOREA				1		1		1		1	1	1	1	1	1	0
BELGIUM																0
FINLAND																0
AUSTRIA																0
SPAIN																0
ISRAEL																0
NORWAY																0
NEW ZEALAND																0
LUXEMBOURG																0
MEXICO																0
SOUTH AFRICA																0
IRELAND																0
SINGAPORE																0
URUGUAY																0
BRAZIL																0
MALAYSIA																0
GREECE																0
PHILIPPINES																0
U.S.S.R.																0
THAILAND																0
CHINA P.REP.																0
YUGOSLAVIA																0
ARGENTINA																0
Others ( 56 )																0
Ownership:																
U.S. Corporations	39	38	38	37	37	35	36	36	36	39	39	39	41	40	42	39
U.S. Government																0
U.S. Individuals	36	28	29	29	29	30	30	30	35	32	32	31	28	29	25	31
Foreign Corporations	18	25	26	27	28	28	27	27	23	22	21	22	22	23	25	23
Foreign Government																0
Foreign Individuals	7	8	7	7	7	7	7	7	6	7	7	8	8	8	8	7

# Part A2 Patent Grants As Distributed By Year of Patent Application

DESIGN PATENTS, 1977 - 1999 Page A2- 1

	Patents	Granted	By	Date	Of	Patent	Application	(Granted:	Jan	01,	1977	- De	31,	, 1999)		
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-						N	UMBER O	F PATENT	ED APPLI	CATIONS							
1	Pre 1986	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	Total	
Total	54679	6334	6951	7407	7579	8389	8519	8713	9286	10904	11695	12154	12574	9179	622	174985	
U.S. Origin	38837	4073	4376	4732	4666	5685	5992	5963	6521	7744	7906	8204	8391	6015	407	119512	
Foreign Origin	15842	2261	2575	2675	2913	2704	2527	2750	2765	3160	3789	3950	4183	3164	215	55473	
JAPAN	5133	874	959	970	1169	883	844	899	784	819	1048	1014	1036	856	51	17339	
CANADA	1398	157	194	198	200	215	219	286	286	312	447	435	472	242	11	5072	
TAIWAN	251	108	87	136	164	196	244	280	335	421	548	574	629	664	67	4704	
GERMANY	1311	150	191	188	193	211	178	173	209	224	253	264	419	239	21	4224	
UNITED KINGDOM	1429	148	171	194	162	191	150	155	145	177	214	219	211	153	8	3727	
FRANCE	1046	122	159	183	184	160	169	137	140	200	206	203	256	131	8	3304	
ITALY	722	110	218	166	147	130	107	118	124	171	176	166	184	111	3	2653	
SWEDEN	1151	99	89	93	86	98	83	72	103	95	110	104	98	61		2342	
CHINA, HONG KONG S.A.R	463	88	79	78	117	115	95	138	141	128	164	210	168	180	15	2179	
AUSTRALIA	629	80	87	85	68	61	67	73	69	95	95	65	84	55	1	1614	
SWITZERLAND DENMARK	483 211	48	74	65 44	82	63 68	56 45	72 60	88 77	86 91	79 83	78	95 50	62 73	2 1	1433	
		42	39	44	81			60		81		71 73	50	73		1026	
NETHERLANDS SOUTH KOREA	327 73	35 23	38 46	43 51	51 36	71 49	60 40	63 53	38 57	59 80	53 55	73 102	61 66	38 77	11 3	1021 811	
BELGIUM	176	32		38		49					29		48	35	6	574	
FINLAND	159	10	21 17	18	26 9	16	14 11	28 21	18 15	18 24	12	40 27	40 27	31	0	397	
AUSTRIA	119	16	22	22	24	29	23	19	23	10	24	14	26	9	1	397	
SPAIN	82	16	14	23	21	18	26	13	11	27	24	44	30	31	1	378	
ISRAEL	49	11	6	12	14	10	28	10	13	30	40	48	28	31	2	332	
NORWAY	116	15	13	9	11	5	6	4	8	11	14	28	23	6	2	269	
NEW ZEALAND	86	9	14	2	5	7	5	8	19	24	16	16	19	2	1	233	
LUXEMBOURG	39	7	8	8	9	13	7	17	11	11	11	15	28	9	1	194	
MEXICO	33	3	3	6	7	4	8	7	6		2	15	25	5	2	131	
SOUTH AFRICA	36	11	6	3	8	6	3	6	5	3	10	13	8	8	=	126	
IRELAND	26	4	7	3	6	4	3	2	9	9	4	6	5	7		95	
SINGAPORE	6	4	4	10	2	5	5	7	9	4	6	9	14	4		89	
URUGUAY	74											1		1		76	
BRAZIL	13	10	2	1	5	2	1	2	3	7	4	11	8	4		73	
MALAYSIA	6	1		1	2	6	9	3		7	11	19	3	1		69	
GREECE	58	3		1				1	1		1			1		66	
PHILIPPINES	2	6			2			1			8	10	12	7		48	
U.S.S.R.	28	3		4	4	1	2	2								44	
THAILAND	1			1	5	1	6	3	1	3	3	5	9	4		42	
CHINA P.REP.	6	1	1	2					1		4	13	7	7		42	
YUGOSLAVIA	17	2	1	4	1	3	2		1	2	1	1		1		36	
ARGENTINA	11	4	1	2	2	3	2		2	1	1	5		2		36	
Others ( 56 )	72	9	4	11	10	15	9	17	13	16	35	32	34	16		293	
Ownership:																	
U.S. Corporations	21191	2287	2504	2603	2624	2994	3196	3508	3709	4321	4608	4995	5030	3881	273	67724	
U.S. Government	9	2	2			1		2	3		3	4				26	
U.S. Individuals	18524	1888	2011	2294	2160	2845	2875	2584	2920	3589	3475	3388	3535	2243	146	54477	
Foreign Corporations	11089	1694	1952	2014	2271	2050	1910	2069	1985	2188	2707	2787	3020	2286	141	40163	
Foreign Government	9	3				1		1								14	
Foreign Individuals	3857	460	482	496	524	498	538	549	669	806	902	980	989	769	62	12581	

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	Patents	Granted	By	Date	Of	Patent	Application	(Granted:	Jan	01,	1977	- De	c 31,	1999)		
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						P	ERCENT O	F PATENTI	ED APPLIC	CATIONS							
	Pre 1986	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	Total	
Total	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	
U.S. Origin	71	64	63	64	62	68	70	68	70	71	68	68	67	66	65	68	
Foreign Origin	29	36	37	36	38	32	30	32	30	29	32	32	33	34	35	32	
rororgii orrgiii		50	3,	50	30	32	50	32	30		32	32	33		33	32	
JAPAN	9	14	14	13	15	11	10	10	8	8	9	8	8	9	8	10	
CANADA	3	2	3	3	3	3	3	3	3	3	4	4	4	3	2	3	
TAIWAN	3	2	1	2	2	2	3	3	4	4	5	5	5	7	11	3	
GERMANY	2	2	3	3	3	3	2	2	2	2	2	2	3	3	3	2	
UNITED KINGDOM	3	2	2	3	2	2	2	2	2	2	2	2	2	2	1	2	
FRANCE	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	2	
ITALY	1	2	3	2	2	2	1	1	1	2	2	1	1	1	-	2	
SWEDEN	2	2	1	1	1	1	1	1	1	1	1	1	1	1		1	
CHINA, HONG KONG S.A.		1	1	1	2	1	1	2	2	1	1	2	1	2	2	1	
AUSTRALIA	1	1	1	1	1	1	1	1	1	1	1	1	1	1	-	1	
SWITZERLAND	1	1	1	1	1	1	1	1	1	1	1	1	1	1		1	
DENMARK	_	1	1	1	1	1	1	1	1	1	1	1	_	1		1	
NETHERLANDS	1	1	1	1	1	1	1	1	_	1	_	1		-	2	1	
SOUTH KOREA	_	_	1	1	_	1	_	1	1	1		1	1	1	_	0	
BELGIUM		1		1		1									1	0	
FINLAND																0	
AUSTRIA																0	
SPAIN																0	
ISRAEL																0	
NORWAY																0	
NEW ZEALAND																0	
LUXEMBOURG																0	
MEXICO																0	
SOUTH AFRICA																0	
IRELAND																0	
SINGAPORE																0	
URUGUAY																0	
BRAZIL																0	
MALAYSIA																0	
GREECE																0	
PHILIPPINES																0	
U.S.S.R.																0	
THAILAND																0	
CHINA P.REP.																0	
YUGOSLAVIA																0	
ARGENTINA																0	
Others ( 56 )																0	
Ownership:																	
U.S. Corporations	39	36	36	35	35	36	38	40	40	40	39	41	40	42	44	39	
U.S. Government																0	
U.S. Individuals	34	30	29	31	28	34	34	30	31	33	30	28	28	24	23	31	
	•				2.5	•		•							•		
Foreign Corporations	20	27	28	27	30	24	22	24	21	20	23	23	24	25	23	23	
Foreign Government	_	_	_	_	_	_	_	_	_	_				_		0	
Foreign Individuals	7	7	7	7	7	6	6	6	7	7	8	8	8	8	10	7	

## Part B

Ranked Listing of Organizations with Patent Grants
As Distributed By Year of Patent Grant
and As Distributed By Year of Patent Application

Organizational Patenting				(Grante	d: Tan (	01. 1977	- Dec 31	. 1999)	т	Ranked Li	st of Or	ganizati	ons with	50 02	More Da	atents	
Organizacional Facencing				, GI ance	a. van	-, -, -, ,	Dec 31	, 1000)		red III	DC 01 01	341112GL1	OLD WILLI	50 OI	MOLE P	ACCIICD	
	Pre																
	1986	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	TOTAL	
CANON KABUSHIKI KAISHA																	
Patents By Year of Grant:	78	30	39	53	45	50	87	81	71	64	80	81	84	83	68	994	
Patents By Year of Application:	182	59	26	62	63	70	52	67	71	46	123	58	60	54	1	994	
SHARP KABUSHIKI KAISHA (SHARP CORPORA																	
Patents By Year of Grant:	242	39	29	69	70	149	84	58	50	40	47	25	25	24	33	984	
Patents By Year of Application:	349	79	119	80	62	50	40	40	32	27	29	25	28	24	0	984	
NIKE, INC.																	
Patents By Year of Grant:	5	0	1	0	1	23	56	109	116	101	47	41	166	203	110	979	
Patents By Year of Application:	6	0	1	2	14	93	104	108	70	55	55	164	148	106	53	979	
racents by rear or apprication:	U	J			7-2	93	104	100	, 0	- 33	33	104	140	100	33	313	
SONY CORPORATION																	
Patents By Year of Grant:	58	10	19	15	21	37	53	44	72	88	50	79	82	126	222	976	
Patents By Year of Application:	107	18	23	36	52	38	70	75	38	60	100	100	141	118	0	976	
MOTOROLA, INC.																	
Patents By Year of Grant:	73	16	15	21	30	25	24	30	60	122	96	97	128	135	81	953	
Patents By Year of Application:	109	29	29	18	25	30	54	77	113	84	99	130	95	55	6	953	
MATSUSHITA ELECTRIC INDUSTRIAL CO., L	TD.																
Patents By Year of Grant:	260	16	31	22	33	18	25	19	49	28	65	45	35	54	51	751	
Patents By Year of Application:	322	21	26	17	17	21	28	36	48	43	39	34	49	41	9	751	
GOODYEAR TIRE + RUBBER COMPANY			_								4=	4.0					
Patents By Year of Grant:	74	9	6	11	17	29	27	39	47	68	45	43	142	98	80	735	
Patents By Year of Application:	99	11	20	26	21	39	33	53	36	61	60	108	104	60	4	735	
DART INDUSTRIES INC.																	
Patents By Year of Grant:	276	47	24	8	18	24	29	15	16	33	24	28	36	48	51	677	
Patents By Year of Application:	352	21	10	28	23	14	13	25	15	23	44	34	40	30	5	677	
racenes by rear or appricacion.	332			20				23				J.		50	,	0,,	
INTERNATIONAL BUSINESS MACHINES CORPO	RATION																
Patents By Year of Grant:	103	29	41	25	30	34	33	25	54	56	84	58	56	28	16	672	
Patents By Year of Application:	188	36	28	19	30	53	30	49	48	71	55	42	12	11	0	672	
TOSHIBA CORPORATION																	
Patents By Year of Grant:	84	25	20	31	35	64	65	63	33	32	37	42	26	62	28	647	
Patents By Year of Application:	152	20	28	70	55	62	23	38	25	23	47	34	48	22	0	647	
INTERLEGO A.G.																	
Patents By Year of Grant:	34	15	18	27	24	30	51	54	44	68	73	43	50	37	63	631	
Patents By Year of Application:	71	28	27	22	61	50	36	42	59	63	40	42	31	59	0	631	

Organizational Patenting				(Grante	d: Jan 0	1. 1977	- Dec 31	. 1999)	R	anked Li	st of Or	ganizatio	ons with	50 or	More Pa	tents	
01341401041				(02 02100	<b></b> 0 0	_,,	200 01	,,	-		00 01 01	Juii		50 02			
	Pre																
	1986	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	TOTAL	
U.S. PHILIPS CORPORATION																	
Patents By Year of Grant:	122	33	25	15	21	29	42	49	20	32	22	24	24	35	28	521	
Patents By Year of Application:	188	24	15	33	31	55	14	18	12	31	25	29	24	20	2	521	
1400110D 27 1041 01 11FF1104010111								v							-		
RUBBERMAID INCORPORATED																	
Patents By Year of Grant:	25	6	7	4	8	22	24	64	48	61	54	51	23	48	49	494	
	42	10	4	30	21	60	31	44	46	63	33	34	40	33	3	494	
Patents By Year of Application:	42	10	4	30	21	60	31	**	40	0.3	33	34	40	33	3	434	
DIAGE C DEGRED TAG																	
BLACK & DECKER INC.	22		00	10	1-	•	00	0.1	1.0	1.5	10		00	<b>60</b>		400	
Patents By Year of Grant:	33	15	22	12	15	9	29	21	16	17	18	76	82	68	57	490	
Patents By Year of Application:	79	13	18	18	18	12	10	11	15	19	110	58	77	30	2	490	
KOHLER CO.																	
Patents By Year of Grant:	51	8	8	27	18	19	62	43	39	39	17	15	19	31	23	419	
Patents By Year of Application:	74	30	21	43	33	27	40	21	31	15	20	29	21	11	3	419	
CASIO COMPUTER CO. LTD.																	
Patents By Year of Grant:	6	0	3	17	18	31	43	28	14	45	54	32	32	51	5	379	
Patents By Year of Application:	24	19	26	19	42	18	13	56	20	27	37	30	47	1	0	379	
AMERICAN STANDARD, INC.																	
Patents By Year of Grant:	106	0	13	19	8	8	24	20	22	12	24	28	15	18	58	375	
Patents By Year of Application:	118	18	23	7	24	17	18	6	13	28	31	18	17	37	0	375	
SEIKOSHA CO., LTD.																	
Patents By Year of Grant:	3	0	0	0	11	38	101	50	36	86	30	7	3	0	0	365	
Patents By Year of Application:	3	16	43	51	63	39	61	52	22	8	7	0	0	0	0	365	
PROCTER + GAMBLE COMPANY																	
Patents By Year of Grant:	71	5	15	6	14	9	20	32	18	13	5	5	21	47	81	362	
Patents By Year of Application:	97	17	8	14	9	22	21	7	11	5	11	40	50	48	2	362	
			-		_			•		_					_		
HONDA GIKEN KOGYO KABUSHIKI KAISHA (HO	ONDA MOTO	OR CO	T.TD.)														
Patents By Year of Grant:	80	20	13	29	27	32	13	12	17	23	5	9	12	27	25	344	
Patents By Year of Application:	136	29	28	12	18	5	15	18	8	7	12	16	20	20	0	344	
racence by rear or approaction:	130	2,	20	14	10	,	1.5	10	J	,	12	10	20	20	,	344	
MINNESOTA MINING AND MANUFACTURING CO	MDANY																
Patents By Year of Grant:	44	1	11	9	9	8	11	22	19	17	27	33	37	37	30	315	
Patents By Year of Application:	62	10	7	10	9	20	9	23	16	17 46	32	33 24	30	37 17	0	315	
racents by rear or Apprication:	04	10	,	10	9	20	,	43	70	**0	34	44	30	1/	J	313	
ATCT CODD																	
AT&T CORP.	120	26	10	20	1.4	1.4	1.4	16	17	1.5	1.4	1.2	2	•	•	21.4	
Patents By Year of Grant:	130	26	18	20 11	14 6	14	14	16	17 11	15	14 5	13 0	3 0	0	0	314	
Patents By Year of Application:	176	12	25	TT	6	25	12	17	TT	14	5	U	U	U	U	314	

Organizational Patenting				(Grante	d: Jan 0	1, 1977	- Dec 31	, 1999)	F	anked Li	st of Or	ganizati	ons with	50 or	More Pa	atents -	
	Pre																
	1986	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	TOTAL	
THE QUAKER OATS COMPANY																	
Patents By Year of Grant:	134	33	32	26	29	21	21	4	0	0	0	0	0	0	0	300	
Patents By Year of Application:	220	27	16	28	8	1	0	0	0	0	0	0	0	0	0	300	
14001102 27 1041 01 1-FF2104010111					•	_	·	·	· ·	·	•	·	·	•	·		
GENERAL ELECTRIC COMPANY																	
Patents By Year of Grant:	169	7	3	16	15	20	24	10	3	5	4	3	3	8	1	291	
Patents By Year of Application:	186	27	13	20	17	1	5	2	3	7	1	0	8	1	0	291	
HIGHLAND SUPPLY CORPORATION																	
Patents By Year of Grant:	0	0	24	4	10	0	29	17	36	6	106	54	0	0	0	286	
Patents By Year of Application:	27	1	24	1	24	5	71	70	58	1	4	0	0	0	0	286	
WINDOM INDIGEDING THE																	
MIKRON INDUSTRIES, INC.		•			•	•	_			20	0.1	25	20	10	0.0	0.00	
Patents By Year of Grant:	0	0	0	0	0	0	0 63	0 7	57	32 75	81	37	30	19	20	276	
Patents By Year of Application:	0	0	0	U	U	0	63	7	30	75	55	18	9	12	7	276	
REEBOK INTERNATIONAL, LTD.																	
Patents By Year of Grant:	1	0	3	69	40	16	3	24	22	45	20	6	16	8	2	275	
Patents By Year of Application:	16	12	58	19	28	5	20	21	38	30	13	8	5	2	0	275	
• • • • • • • • • • • • • • • • • • • •																	
COLGATE-PALMOLIVE COMPANY																	
Patents By Year of Grant:	31	2	9	1	4	11	13	14	32	28	19	13	29	31	26	263	
Patents By Year of Application:	41	3	1	17	8	25	36	16	14	7	29	30	27	9	0	263	
JOHN MANUFACTURING LIMITED																	
Patents By Year of Grant:	8	24	10	11	13	13	18	14	17	32	16	24	23	14	22	259	
Patents By Year of Application:	53	10	15	5	14	13	14	27	19	18	20	19	14	18	0	259	
HOME COMPANY I HD																	
TOMY COMPANY, LTD.	1 20	_	1.2	3	10	10	10	10	7	,	,	_	3	,	- 11	244	
Patents By Year of Grant: Patents By Year of Application:	138 159	6 10	13 7	3 8	12 15	12 6	12 11	12 2	7 3	3 0	3 7	6 7	2	3 6	11 1	244 244	
ratents by rear or Application:	139	10	,	0	15	0	11	2	3	U	,	,	2	0		244	
BRIDGESTONE CORPORATION																	
Patents By Year of Grant:	68	12	22	8	11	6	21	7	28	16	3	12	11	9	3	237	
Patents By Year of Application:	106	10	8	21	6	9	17	16	7	4	14	11	6	2	0	237	
SUMITOMO RUBBER INDUSTRIES, LTD.																	
Patents By Year of Grant:	10	5	35	13	35	18	23	11	19	17	4	9	14	7	14	234	
Patents By Year of Application:	54	35	25	14	17	6	20	7	10	11	3	12	9	11	0	234	
HITACHI, LTD																	
Patents By Year of Grant:	48	13	27	16	10	14	17	6	24	9	10	4	7	9	16	230	
Patents By Year of Application:	96	12	15	7	17	5	18	9	9	7	7	6	13	9	0	230	

Organizational Patenting				(Grante	ed: Jan 0	1, 1977	- Dec 31,	, 1999)	:	Ranked Li	st of Or	ganizati	ons with	50 or	More Pa	atents	-
	Pre																
	1986	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	TOTAL	
TIMEX CORPORATION																	
Patents By Year of Grant:	20	4	2	1	7	3	5	5	1	8	16	5	83	49	18	227	
Patents By Year of Application:	27	7	2	5	4	3	1	7	11	7	19	71	49	12	2	227	
GILLETTE COMPANY																	
Patents By Year of Grant:	67	6	5	2	5	8	7	9	14	22	12	8	7	27	17	216	
Patents By Year of Application:	80	2	9	1	9	9	20	14	9	10	11	11	20	11	0	216	
TAKARA CO, LTD.																	
Patents By Year of Grant:	27	39	21	48	34	35	2	2	0	0	0	0	0	0	0	208	
Patents By Year of Application:	120	37	24	12	12	3	0	0	0	0	0	0	0	0	0	208	
MICHELIN RECHERCHE ET TECHNIQUE																	
Patents By Year of Grant:	1	3	8	7	4	5	3	4	16	19	35	16	21	32	32	206	
Patents By Year of Application:	15	6	5	3	2	4	13	11	27	30	19	18	31	22	0	206	
EASTMAN KODAK COMPANY																	
Patents By Year of Grant:	37	3	6	6	6	14	16	12	3	11	11	26	7	16	20	194	
Patents By Year of Application:	50	5	17	10	9	11	2	6	8	23	12	9	16	14	2	194	
MASCO CORP. OF INDIANA																	
Patents By Year of Grant:	20	2	11	7	2	7	8	6	1	4	11	13	5	23	74	194	
Patents By Year of Application:	37	8	5	7	5	1	3	1	15	9	4	5	42	52	0	194	
RYOBI, LTD.	F.4	11	_	1.4	10	1.5	0	10	20	0	-	,		-	_	104	
Patents By Year of Grant: Patents By Year of Application:	54 80	11 16	6 17	14 8	18 18	15 7	8 15	19 10	20 5	9 5	5	3 2	1 7	5 2	6 0	194 194	
RICOH COMPANY, LTD.	80	10	17	•	10	,	15	10	5	5	2	2	,	2	U	194	
Patents By Year of Grant:	49	21	17	15	10	10	14	13	6	8	7	5	10	5	3	193	
Patents By Year of Application:	98	13	8	8	13	9	6	7	22	4	2	1	1	1	0	193	
COCA-COLA COMPANY	30	13	ŭ	Ü	13		ŭ	,		•	-	-	-	-	Ü	133	
Patents By Year of Grant:	29	7	7	19	10	6	10	15	8	8	12	10	20	20	7	188	
Patents By Year of Application:	56	12	8	12	8	10	4	7	9	6	17	25	12	20	,	188	
-	30	12	J	12	J	10	•	,	,	Ü	1,	23	12	-	Ü	100	
TEAC CORPORATION	•	1	2	•	,	2	22	22	25	20	1.0	1.2	1.4	1 =	20	106	
Patents By Year of Grant: Patents By Year of Application:	2 6	1 4	3 1	2 11	3 24	2 19	23 24	22 16	25 16	22 10	19 9	13 19	14 14	15 13	20 0	186 186	
	ō	4	1	11	24	13	24	10	10	10	,	13	14	13	U	190	
COMBI CO., LTD.	0.5	-		-	-	-	1.0	1.4	1.0		-		_	_	1	100	
Patents By Year of Application:	85 104	7 6	6	7 10	7 12	5 8	17 17	14 7	16 4	7 8	7	0	2	0	1	182 182	
Patents By Year of Application:	T0. <del>4</del>	6	*	10	12	0	1/	,	4	o	2	U	U	U	U	102	

Fig.   1986   1986   1986   1987   1988   1989   1990   1991   1992   1993   1994   1995	Organizational Patenting				(Grante	d: Jan 0	1977	- Dec 31	, 1999)	F	Ranked Li	st of Or	ganizati	ons with	50 or	More Pa	atents -	
FINI PROTO FILM CO., LID Fatents By Year of Grant: 9 0 0 0 2 10 24 26 26 11 17 12 12 12 10 181  Fatents By Year of Grant: 9 9 9 2 15 12 26 26 22 15 12 17 9 14 12 7 0 181  SHIRD SPEAN CORPORATION Fatents By Tear of Grant: 0 3 5 1 3 5 30 25 18 18 18 13 19 14 14 12 180  FATENT LABORATORIES FATENT LABORATORIE			1000	100=	1000	1000	1000	1001	1000	1000	1004	100-	1005	1007	1000	1000	mor	
Feature by Year of Grant: 9 0 0 0 0 2 10 24 26 26 21 17 12 12 12 12 12 10 181 Feature by Year of Grant: 9 9 9 2 15 12 26 22 15 12 17 9 14 12 17 0 181  SEINO EPON CORPORATION  Patents by Year of Grant: 0 3 3 5 1 3 3 5 11 3 3 5 30 22 18 18 18 13 19 14 14 12 180 Feature by Year of Grant: 13 0 1 0 3 3 5 1 1 3 3 5 30 30 25 18 18 18 13 19 14 14 12 180  HUMELETT-FACTAND COMPANY  Fatents by Year of Grant: 13 0 1 0 3 3 3 7 11 10 9 9 22 28 21 22 24 22 22 28 22 18 28 28 21 22 24 22 29 178  Fatents by Year of Grant: 14 2 13 3 3 7 1 10 9 9 22 28 21 26 13 0 178  HEADLE TIMES OF THE O		1986	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	TOTAL	
Feature by Year of Grant: 9 0 0 0 0 2 10 24 26 26 21 17 12 12 12 12 12 10 181 Feature by Year of Grant: 9 9 9 2 15 12 26 22 15 12 17 9 14 12 17 0 181  SEINO EPON CORPORATION  Patents by Year of Grant: 0 3 3 5 1 3 3 5 11 3 3 5 30 22 18 18 18 13 19 14 14 12 180 Feature by Year of Grant: 13 0 1 0 3 3 5 1 1 3 3 5 30 30 25 18 18 18 13 19 14 14 12 180  HUMELETT-FACTAND COMPANY  Fatents by Year of Grant: 13 0 1 0 3 3 3 7 11 10 9 9 22 28 21 22 24 22 22 28 22 18 28 28 21 22 24 22 29 178  Fatents by Year of Grant: 14 2 13 3 3 7 1 10 9 9 22 28 21 26 13 0 178  HEADLE TIMES OF THE O	FUJI PHOTO FILM CO., LTD																	
SHENO REPORN CORPORATION  Patents By Year of Grant: 0 0 3 5 1 3 5 10 25 18 18 13 19 14 14 14 12 180  Patents By Year of Application: 9 2 2 15 21 29 10 16 13 18 13 19 14 6 11 0 180  HEWLETT-PACKARD COMPANY  Patents By Year of Grant: 13 0 1 0 3 3 3 10 8 13 10 21 22 24 21 29 178  Patents By Year of Grant: 13 0 1 1 0 3 3 3 10 8 13 10 21 22 24 21 29 178  Patents By Year of Application: 14 2 13 3 3 7 1 10 9 9 9 22 28 21 26 13 0 178  ARBOOT LARGONATORIES  Patents By Year of Application: 91 4 6 3 7 7 10 10 8 8 13 10 21 12 22 24 21 29 178  Patents By Year of Grant: 63 5 15 8 4 5 7 9 9 12 5 3 9 11 11 10 10 177  Patents By Year of Application: 91 4 6 3 7 7 10 14 8 2 10 17 0 11 4 0 177  ASICS CORPORATION  Patents By Year of Application: 67 7 0 3 8 8 6 26 17 25 22 16 11 12 6 12 4 175  Patents By Year of Grant: 6 7 0 3 8 8 6 26 17 25 22 16 11 12 2 6 12 4 175  Patents By Year of Grant: 9 11 4 14 14 23 26 10 19 17 18 0 2 2 5 11 12 171  CHEVISIANI DEBOX HARDEKIX MAISHAN Patents By Year of Application: 36 14 26 13 14 14 17 6 1 2 2 3 7 4 14 0 171  CHEVISIAN DRONG CORPORATION  Patents By Year of Grant: 6 5 5 2 1 2 7 4 3 9 9 9 14 35 8 22 23 170  GOLDSTAR COMPANY, LTD.  Patents By Year of Grant: 3 3 2 4 16 9 36 29 27 7 7 11 10 13 1 1 0 0 169  Patents By Year of Grant: 3 3 2 4 16 9 36 29 27 7 7 11 10 13 1 1 1 0 169  Patents By Year of Grant: 3 3 2 4 16 9 36 29 27 7 7 11 10 10 13 1 1 0 0 169  Patents By Year of Grant: 34 7 14 12 8 6 11 13 4 4 8 2 14 7 7 1 10 10 13 1 1 0 0 169  Patents By Year of Grant: 34 7 14 12 8 6 11 13 4 4 8 2 14 7 7 18 10 16 8  NORTHERN TELECON LIMITED  Patents By Year of Grant: 46 17 17 20 13 12 4 5 1 1 6 1 3 4 10 9 168  VALANAL CORP.		9	0	0	0	2	10	24	26	26	21	17	12	12	12	10	181	
Patents By Year of Grant: 0 3 5 1 3 5 21 29 10 16 13 13 19 14 6 11 0 180    Patents By Year of Application: 9 2 2 15 21 29 10 16 13 13 19 14 6 11 0 180    REMIRIT-PACKARD COMPANY   Fatents By Year of Application: 14 2 13 3 3 7 1 10 8 13 10 21 22 28 21 26 13 29 178    Patents By Year of Application: 14 2 13 3 3 7 1 10 8 13 10 21 22 28 21 26 13 29 178    Patents By Year of Application: 14 2 13 3 3 7 1 10 8 13 10 21 22 28 21 26 13 29 178    Patents By Year of Application: 91 4 6 3 5 15 8 4 5 7 9 12 5 3 3 9 11 11 10 10 177    Patents By Year of Application: 91 4 6 3 3 7 10 4 8 2 10 17 0 11 4 0 177    Patents By Year of Application: 16 7 0 3 8 6 26 17 25 22 16 11 12 6 13 1 7 9 3 0 10 175    Patents By Year of Application: 16 7 16 11 22 16 11 17 16 23 1 7 9 3 0 1 7 9 1 0 10 175    MITSUBISHI DENKI KABUSHIKI KAISHA   Patents By Year of Application: 36 14 26 13 14 14 17 17 16 12 3 7 7 4 11 10 171    Patents By Year of Crant: 9 11 4 14 14 13 26 10 19 17 8 0 2 2 5 11 1 12 171    Patents By Year of Crant: 9 11 4 14 14 17 17 18 10 17 18 10 17 1 10 171    CHRYSLEE MOTORS CORPORATION   Patents By Year of Application: 36 14 26 13 14 14 17 17 18 10 12 3 7 7 4 14 0 171    CHRYSLEE MOTORS CORPORATION   Patents By Year of Application: 13 3 5 5 2 6 6 5 22 1 22 7 7 4 3 3 9 29 14 35 8 22 23 170    GOLDSTAR COMPANY, LID.   Patents By Year of Application: 23 7 23 32 17 25 3 9 14 15 1 0 0 0 0 0 169    DAINA SEKKO INC   Patents By Year of Application: 34 7 14 12 8 6 11 1 33 4 8 2 2 14 7 7 18 10 168   Patents By Year of Application: 66 7 4 11 10 6 5 6 6 7 9 7 1 11 10 7 7 0 16 18   Patents By Year of Application: 66 7 4 11 10 6 6 5 6 7 1 1 1 10 7 7 0 168   Patents By Year of Application: 66 7 4 11 10 6 6 5 6 7 1 1 10 7 7 0 168   Patents By Year of Application: 66 7 7 1 1 10 6 5 6 6 7 1 1 10 7 7 0 168   Patents By Year of Application: 66 7 7 1 1 10 6 6 5 6 7 1 1 10 7 10 10 10 10 10 10 10 10 10 10 10 10 10	Patents By Year of Application:	9	9	2	15	12	26	22	15	12	17	9	14	12	7	0	181	
Patents By Year of Grant: 0 3 5 1 3 5 21 29 10 16 13 13 19 14 6 11 0 180    Patents By Year of Application: 9 2 2 15 21 29 10 16 13 13 19 14 6 11 0 180    REMIRIT-PACKARD COMPANY   Fatents By Year of Application: 14 2 13 3 3 7 1 10 8 13 10 21 22 28 21 26 13 29 178    Patents By Year of Application: 14 2 13 3 3 7 1 10 8 13 10 21 22 28 21 26 13 29 178    Patents By Year of Application: 14 2 13 3 3 7 1 10 8 13 10 21 22 28 21 26 13 29 178    Patents By Year of Application: 91 4 6 3 5 15 8 4 5 7 9 12 5 3 3 9 11 11 10 10 177    Patents By Year of Application: 91 4 6 3 3 7 10 4 8 2 10 17 0 11 4 0 177    Patents By Year of Application: 16 7 0 3 8 6 26 17 25 22 16 11 12 6 13 1 7 9 3 0 10 175    Patents By Year of Application: 16 7 16 11 22 16 11 17 16 23 1 7 9 3 0 1 7 9 1 0 10 175    MITSUBISHI DENKI KABUSHIKI KAISHA   Patents By Year of Application: 36 14 26 13 14 14 17 17 16 12 3 7 7 4 11 10 171    Patents By Year of Crant: 9 11 4 14 14 13 26 10 19 17 8 0 2 2 5 11 1 12 171    Patents By Year of Crant: 9 11 4 14 14 17 17 18 10 17 18 10 17 1 10 171    CHRYSLEE MOTORS CORPORATION   Patents By Year of Application: 36 14 26 13 14 14 17 17 18 10 12 3 7 7 4 14 0 171    CHRYSLEE MOTORS CORPORATION   Patents By Year of Application: 13 3 5 5 2 6 6 5 22 1 22 7 7 4 3 3 9 29 14 35 8 22 23 170    GOLDSTAR COMPANY, LID.   Patents By Year of Application: 23 7 23 32 17 25 3 9 14 15 1 0 0 0 0 0 169    DAINA SEKKO INC   Patents By Year of Application: 34 7 14 12 8 6 11 1 33 4 8 2 2 14 7 7 18 10 168   Patents By Year of Application: 66 7 4 11 10 6 5 6 6 7 9 7 1 11 10 7 7 0 16 18   Patents By Year of Application: 66 7 4 11 10 6 6 5 6 7 1 1 1 10 7 7 0 168   Patents By Year of Application: 66 7 4 11 10 6 6 5 6 7 1 1 10 7 7 0 168   Patents By Year of Application: 66 7 7 1 1 10 6 5 6 6 7 1 1 10 7 7 0 168   Patents By Year of Application: 66 7 7 1 1 10 6 6 5 6 7 1 1 10 7 10 10 10 10 10 10 10 10 10 10 10 10 10																		
### Reaches By Year of Application: 9 2 2 1 15 21 29 10 16 13 13 19 14 6 11 0 180  ###################################				_	_		_											
REMILETT-PACKARD COMPANY   Fatenite By Year of Grant:																		
Patents By Year of Grant: 13 0 1 0 3 3 3 10 8 13 10 21 22 24 21 29 178  Patents By Year of Application: 14 2 13 3 7 1 10 9 9 22 28 21 26 13 0 178  ABBOTT LABORATORIES  Patents By Year of Grant: 63 5 15 8 4 5 7 9 9 12 5 3 9 11 11 10 177  Patents By Year of Application: 91 4 6 3 7 10 4 8 2 10 17 0 11 4 0 177  ASICS CORPORATION  Patents By Year of Application: 16 7 16 11 22 16 11 17 16 23 1 7 9 3 0 175  MITSUBISHI DENKI KABUSHIKI KAISHA  Patents By Year of Grant: 9 11 4 12 2 16 13 14 17 6 1 2 3 7 4 14 0 171  CHRYSLER MOTORS CORPORATION  Patents By Year of Application: 13 3 5 5 2 1 2 7 4 3 9 29 14 35 8 22 23 170  Patents By Year of Grant: 6 5 2 1 2 7 4 3 9 9 29 14 35 8 22 23 170  Patents By Year of Grant: 13 3 3 5 5 2 6 5 2 2 2 1 28 19 17 16 7 16 7 1 170  GOLDSTAR COMPORATION  Patents By Year of Application: 13 3 3 5 5 2 6 5 5 22 21 28 19 17 16 7 1 170  GOLDSTAR COMPANY, LTD.  Patents By Year of Application: 23 7 23 32 17 25 3 9 14 15 1 0 0 0 0 0 169  DAINA SEIKO INC  Patents By Year of Application: 66 7 4 11 10 6 5 6 4 9 7 16 10 7 0 168  NORTHERN FEED YEAR OF GRANT: LTD.  Patents By Year of Application: 66 7 4 11 10 6 5 6 6 4 9 7 16 10 7 0 168  NORTHERN TELECOM LIMITED  Patents By Year of Application: 66 7 4 11 10 6 5 6 6 4 9 7 16 10 7 0 168  NORTHERN TELECOM LIMITED  Patents By Year of Application: 66 7 4 11 10 6 5 6 6 4 9 7 16 10 7 0 168  NORTHERN TELECOM LIMITED  Patents By Year of Application: 90 17 5 8 8 1 6 1 5 1 6 1 3 4 10 9 9 168  YAZAKI CORP.	Patents by Year of Application:	9	2	2	15	21	29	10	10	13	13	19	14	0	11	U	180	
Patents By Year of Application: 14 2 13 3 7 1 10 9 9 9 22 28 21 26 13 0 178  ABBOTT LABORATCRIES  Patents By Year of Grant: 63 5 15 8 4 5 7 9 12 5 3 9 11 11 10 177  Patents By Year of Application: 91 4 6 3 7 10 4 8 2 10 17 0 11 4 0 177  ASICS CORPORATION  Patents By Year of Grant: 7 0 3 8 6 26 17 25 22 16 11 12 6 12 4 175  Patents By Year of Organt: 16 7 16 11 22 16 11 17 16 23 1 7 9 3 0 175  MITSUBISHI DENKI KABUSHKI KAISHA  Patents By Year of Grant: 9 11 4 14 14 23 26 10 19 17 8 8 0 2 5 11 12 171  Patents By Year of Application: 36 14 26 13 14 14 17 6 1 2 3 7 4 14 0 171  CHRYSLER MOTORS CORPORATION  Patents By Year of Grant: 6 5 2 1 2 7 4 3 9 29 14 35 8 22 23 170  Patents By Year of Application: 13 3 5 5 2 6 5 2 2 2 21 28 19 17 16 7 1 170  GOLDSTAR COMPANY, LTD.  Patents By Year of Grant: 3 1 2 4 16 9 36 29 27 7 11 10 13 1 1 0 169  Patents By Year of Grant: 23 7 23 32 17 25 3 9 14 15 1 0 0 0 0 1 169  DAINA SEIKO INC  Patents By Year of Grant: 34 7 14 12 8 6 11 13 4 8 2 14 7 16 10 7 0 168  Patents By Year of Grant: 34 7 14 12 8 6 11 13 4 8 2 14 7 16 10 7 0 168  Patents By Year of Grant: 34 7 14 12 8 6 11 13 4 8 2 14 7 16 10 7 0 168  NORTHERN TELECON LIMITED  Patents By Year of Grant: 46 17 17 20 13 12 4 5 1 6 1 3 3 4 10 9 168  Patents By Year of Application: 66 7 4 11 10 6 5 5 6 4 9 7 16 10 7 0 168  NORTHERN TELECON LIMITED  Patents By Year of Application: 90 17 5 8 8 8 1 6 6 1 5 1 6 1 3 4 6 8 8 0 168  YAZAKI CORP.	HEWLETT-PACKARD COMPANY																	
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Patents By Year of Grant: 63 5 15 8 4 5 7 9 12 5 3 9 11 11 10 177  Patents By Year of Application: 91 4 6 3 7 10 4 8 2 10 17 0 11 4 0 177  ASICS CORPORATION  Patents By Year of Application: 16 7 0 3 8 6 26 17 25 22 16 11 12 6 12 4 175  Patents By Year of Application: 16 7 16 11 22 16 11 17 16 23 1 7 9 3 0 175  MITSUBISHI DENKI KABUSHIKI KARISHA  Patents By Year of Grant: 9 11 4 14 23 26 10 19 17 8 0 2 5 11 12 171  Patents By Year of Application: 36 14 26 13 14 14 17 6 1 2 3 7 4 14 10 171  CHRYSLER MOTORS CORPORATION  Patents By Year of Grant: 6 5 2 1 2 7 4 3 9 29 14 35 8 22 23 170  Patents By Year of Application: 13 3 5 5 2 6 5 22 21 28 19 17 16 7 1 170  GOLDSTAR COMPANY, LTD.  Patents By Year of Grant: 3 2 4 16 9 36 29 27 7 11 10 13 1 1 1 0 169  Patents By Year of Application: 23 7 23 32 17 25 3 9 14 15 1 0 0 0 0 169  DAINA SEIKO INC  Patents By Year of Grant: 6 7 14 11 10 6 5 5 6 4 9 7 16 10 7 0 168  NOTHERN BY YEAR OF GRANT: 17 18 10 168  Patents By Year of Application: 66 7 4 11 10 6 5 5 6 4 9 7 16 10 7 0 168  NOTHERN BY YEAR OF GRANT: 46 17 17 20 13 12 4 5 1 6 1 3 4 10 9 168  NOTHERN TELECON LIMITED  Patents By Year of Application: 90 17 5 8 8 1 1 6 1 5 1 4 6 8 8 0 168  YAZAKI CORP.	Patents By Year of Application:	14	2	13	3	7	1	10	9	9	22	28	21	26	13	0	178	
Patents By Year of Grant: 63 5 15 8 4 5 7 9 12 5 3 9 11 11 10 177  Patents By Year of Application: 91 4 6 3 7 10 4 8 2 10 17 0 11 4 0 177  ASICS CORPORATION  Patents By Year of Application: 16 7 0 3 8 6 26 17 25 22 16 11 12 6 12 4 175  Patents By Year of Application: 16 7 16 11 22 16 11 17 16 23 1 7 9 3 0 175  MITSUBISHI DENKI KABUSHIKI KAISHA  Patents By Year of Grant: 9 11 4 14 23 26 10 19 17 8 0 2 5 11 12 171  Patents By Year of Application: 36 14 26 13 14 14 17 6 1 2 3 7 4 14 10 171  CHRYSLER MOTORS CORPORATION  Patents By Year of Grant: 6 5 2 1 2 7 4 3 9 29 14 35 8 22 23 170  Patents By Year of Application: 13 3 5 5 2 6 5 22 21 28 19 17 16 7 1 170  GOLDSTAR COMPANY, LTD.  Patents By Year of Grant: 3 2 4 16 9 36 29 27 7 11 10 13 1 1 1 0 169  Patents By Year of Application: 23 7 23 32 17 25 3 9 14 15 1 0 0 0 0 169  DAINA SEIKO INC  Patents By Year of Grant: 6 7 14 11 10 6 5 5 6 4 9 7 16 10 7 0 168  NOTHERN BY YEAR OF GRANT: 17 17 20 13 12 4 5 1 6 1 3 4 1 0 9 168  Patents By Year of Application: 66 7 4 11 10 6 5 5 6 4 9 7 7 16 10 7 0 168  NOTHERN TELECON LIMITED  Patents By Year of Application: 90 17 5 8 8 1 6 1 5 1 6 1 3 4 10 9 168  Patents By Year of Application: 90 17 5 8 8 1 6 1 5 1 6 1 3 4 6 8 8 0 168  YAZAKI CORP.																		
Patents By Year of Application: 91 4 6 3 7 10 4 8 2 10 17 0 11 4 0 177  ASICS CORPORATION  Patents By Year of Grant: 7 0 3 8 6 26 17 25 22 16 11 12 6 12 4 175  Patents By Year of Application: 16 7 16 11 22 16 11 17 16 23 1 7 9 3 0 175  MITSUBISHI DENKI KABUSHIKI KAISHA  Patents By Year of Grant: 9 11 4 14 23 26 10 19 17 8 0 2 5 11 12 171  Patents By Year of Application: 36 14 26 13 14 14 17 6 1 2 3 7 4 14 0 171  CHYSLER MOTORS CORPORATION  Patents By Year of Application: 13 3 5 5 2 1 2 7 4 3 9 29 14 35 8 22 23 170  Patents By Year of Application: 13 3 5 5 2 6 5 22 21 28 19 17 16 7 1 170  GOLDSTAR COMPANY, LITD.  Patents By Year of Grant: 3 2 4 16 9 36 29 27 7 11 10 13 1 1 0 16 7 1 170  DAIMA SEIKO INC  Patents By Year of Application: 23 7 23 32 17 25 3 9 14 15 1 0 0 0 0 169  DAIMA SEIKO INC  Patents By Year of Application: 66 7 4 11 10 6 5 6 4 9 7 16 10 7 0 168  NORTHERN TELECOM LIMITED  Patents By Year of Application: 90 17 5 8 8 1 6 1 6 1 5 1 4 6 8 8 0 168  YAZAKI CORP.	ABBOTT LABORATORIES																	
ASICS CORPORATION Patents By Year of Grant: 7 0 3 8 6 26 17 25 22 16 11 12 6 12 4 175 Patents By Year of Application: 16 7 16 11 22 16 11 17 16 23 1 7 9 3 0 175  MITSUBISHI DENKI KABUSHKI KAISHA  Patents By Year of Grant: 9 11 4 14 23 26 10 19 17 8 0 2 5 11 12 171 Patents By Year of Application: 36 14 26 13 14 14 17 6 1 2 3 7 4 14 0 171  CHRYSLER MOTORS CORPORATION Patents By Year of Grant: 6 5 2 1 2 7 4 3 9 29 14 35 8 22 23 170 Patents By Year of Application: 13 3 5 5 5 2 6 5 5 22 21 28 19 17 16 7 1 170  GOLDSTAR COMPANY, LTD. Patents By Year of Grant: 3 2 4 16 9 36 29 27 7 7 11 10 13 1 1 0 169 Patents By Year of Application: 23 7 23 32 17 25 3 9 14 15 1 0 0 0 0 169  DAINA SEIKO INC Patents By Year of Application: 66 7 4 11 10 6 5 6 4 9 7 16 10 7 0 168  NORTHERN BY YEAR OF Application: 66 7 4 11 10 6 5 6 4 9 7 16 10 7 0 168  NORTHERN BY YEAR OF Application: 66 7 4 11 10 6 5 6 4 9 7 16 10 7 0 168  Patents By Year of Application: 66 7 4 11 10 6 5 6 4 9 7 16 10 7 0 168  Patents By Year of Grant: 34 7 14 12 8 6 11 13 4 8 2 14 7 18 10 168 Patents By Year of Application: 66 7 4 11 10 6 5 5 6 4 9 7 16 10 7 0 168  NORTHERN TELECOM LIMITED Patents By Year of Application: 46 17 17 20 13 12 4 5 1 6 1 3 4 6 8 8 0 168  VAZAKI CORP.	-							•					-					
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Patents By Year of Grant: 7 0 3 8 8 6 26 17 25 22 16 11 12 6 12 4 175  Fatents By Year of Application: 16 7 16 11 22 16 11 17 16 23 1 7 9 3 0 175  MITSUBISHI DENKI KABUSHIKI KAISHA  Patents By Year of Grant: 9 11 4 14 23 26 10 19 17 8 0 2 5 11 12 171  Patents By Year of Application: 36 14 26 13 14 14 17 6 1 2 3 7 4 14 0 171  CHRYSLER MOTORS CORPORATION  Patents By Year of Application: 13 3 5 5 2 1 2 7 4 3 9 29 14 35 8 22 23 170  Fatents By Year of Application: 13 3 5 5 2 6 5 22 21 28 19 17 16 7 1 170  GOLDSTAR COMPANY, LTD.  Patents By Year of Grant: 3 2 4 16 9 36 29 27 7 11 10 13 1 1 0 169  Patents By Year of Application: 23 7 23 32 17 25 3 9 14 15 1 0 0 0 0 0 169  DAIWA SEIKO INC  Patents By Year of Grant: 34 7 14 12 8 6 11 13 4 8 2 14 7 18 10 168  Patents By Year of Application: 66 7 4 11 10 6 5 6 4 9 7 16 10 7 0 168  NORTHERN TELECON LIMITED  Patents By Year of Grant: 46 17 17 20 13 12 4 5 1 6 1 3 4 16 8 8 0 168  YAZAKI CORP.	AGTGG GODDODAMTON																	
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MITSUBISHI DENKI KABUSHIKK RAISHA  Patents By Year of Grant: 9 11 4 14 23 26 10 19 17 8 0 2 5 11 12 171  Patents By Year of Application: 36 14 26 13 14 14 17 6 1 2 3 7 4 14 0 171  CHRYSLER MOTORS CORPORATION  Patents By Year of Grant: 6 5 2 1 2 7 4 3 9 29 14 35 8 22 23 170  Patents By Year of Application: 13 3 5 5 2 6 5 22 21 28 19 17 16 7 1 170  GOLDSTAR COMPANY, LTD.  Patents By Year of Grant: 3 2 4 16 9 36 29 27 7 11 10 13 1 1 0 169  Patents By Year of Application: 23 7 23 32 17 25 3 9 14 15 1 0 0 0 0 169  DAIWA SEIKO INC  Patents By Year of Grant: 34 7 14 12 8 6 11 13 4 8 2 14 7 18 10 168  Patents By Year of Application: 66 7 4 11 10 6 5 6 4 9 7 16 10 7 0 168  NORTHERN TELECOM LIMITED  Patents By Year of Grant: 46 17 17 20 13 12 4 5 1 6 1 3 4 10 9 168  Patents By Year of Application: 90 17 5 8 8 1 1 6 1 5 1 4 6 8 8 8 0 168  YAZAKI CORP.																		
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Patents By Year of Grant: 6 5 2 1 2 7 4 3 9 29 14 35 8 22 23 170 Patents By Year of Application: 13 3 5 5 5 2 6 5 22 21 28 19 17 16 7 1 170  GOLDSTAR COMPANY, LTD.  Patents By Year of Grant: 3 2 4 16 9 36 29 27 7 11 10 13 1 1 0 169 Patents By Year of Application: 23 7 23 32 17 25 3 9 14 15 1 0 0 0 0 169  DAIWA SEIKO INC  Patents By Year of Grant: 34 7 14 12 8 6 11 13 4 8 2 14 7 18 10 168 Patents By Year of Application: 66 7 4 11 10 6 5 6 4 9 7 16 10 7 0 168  NORTHERN TELECOM LIMITED Patents By Year of Grant: 46 17 17 20 13 12 4 5 1 6 1 3 4 10 9 168 Patents By Year of Application: 90 17 5 8 8 8 1 6 1 6 1 5 1 4 6 8 8 8 0 168  YAZAKI CORP.	Patents By Year of Application:	36	14	26	13	14	14	17	6	1	2	3	7	4	14	0	171	
Patents By Year of Grant: 6 5 2 1 2 7 4 3 9 29 14 35 8 22 23 170 Patents By Year of Application: 13 3 5 5 5 2 6 5 22 21 28 19 17 16 7 1 170  GOLDSTAR COMPANY, LTD.  Patents By Year of Grant: 3 2 4 16 9 36 29 27 7 11 10 13 1 1 0 169 Patents By Year of Application: 23 7 23 32 17 25 3 9 14 15 1 0 0 0 0 169  DAIWA SEIKO INC  Patents By Year of Grant: 34 7 14 12 8 6 11 13 4 8 2 14 7 18 10 168 Patents By Year of Application: 66 7 4 11 10 6 5 6 4 9 7 16 10 7 0 168  NORTHERN TELECOM LIMITED  Patents By Year of Grant: 46 17 17 20 13 12 4 5 1 6 1 3 4 10 9 168 Patents By Year of Application: 90 17 5 8 8 8 1 6 1 6 1 5 1 4 6 8 8 8 0 168  YAZAKI CORP.																		
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Patents By Year of Grant: 3 2 4 16 9 36 29 27 7 11 10 13 1 1 0 169 Patents By Year of Application: 23 7 23 32 17 25 3 9 14 15 1 0 0 0 0 169  DAIWA SEIKO INC Patents By Year of Grant: 34 7 14 12 8 6 11 13 4 8 2 14 7 18 10 168 Patents By Year of Application: 66 7 4 11 10 6 5 6 4 9 7 16 10 7 0 168  NORTHERN TELECOM LIMITED Patents By Year of Grant: 46 17 17 20 13 12 4 5 1 6 1 3 4 10 9 168 Patents By Year of Application: 90 17 5 8 8 8 1 6 1 5 1 6 1 3 4 6 8 8 0 168  YAZAKI CORP.	GOLDSTAR COMPANY - LTD																	
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DAIWA SEIKO INC  Patents By Year of Grant: 34 7 14 12 8 6 11 13 4 8 2 14 7 18 10 168  Patents By Year of Application: 66 7 4 11 10 6 5 6 4 9 7 16 10 7 0 168  NORTHERN TELECOM LIMITED  Patents By Year of Grant: 46 17 17 20 13 12 4 5 1 6 1 3 4 10 9 168  Patents By Year of Application: 90 17 5 8 8 1 6 1 5 1 4 6 8 8 0 168  YAZAKI CORP.																		
Patents By Year of Grant: 34 7 14 12 8 6 11 13 4 8 2 14 7 18 10 168 Patents By Year of Application: 66 7 4 11 10 6 5 6 4 9 7 16 10 7 0 168  NORTHERN TELECOM LIMITED  Patents By Year of Grant: 46 17 17 20 13 12 4 5 1 6 1 3 4 10 9 168  Patents By Year of Application: 90 17 5 8 8 1 6 1 5 1 4 6 8 8 0 168  YAZAKI CORP.	-																	
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NORTHERN TELECOM LIMITED  Patents By Year of Grant: 46 17 17 20 13 12 4 5 1 6 1 3 4 10 9 168  Patents By Year of Application: 90 17 5 8 8 1 6 1 5 1 4 6 8 8 0 168  YAZAKI CORP.	Patents By Year of Grant:	34	7	14	12	8	6	11	13	4	8	2	14	7	18	10	168	
Patents By Year of Grant: 46 17 17 20 13 12 4 5 1 6 1 3 4 10 9 168  Patents By Year of Application: 90 17 5 8 8 1 6 1 5 1 4 6 8 8 0 168  YAZAKI CORP.	Patents By Year of Application:	66	7	4	11	10	6	5	6	4	9	7	16	10	7	0	168	
Patents By Year of Grant: 46 17 17 20 13 12 4 5 1 6 1 3 4 10 9 168  Patents By Year of Application: 90 17 5 8 8 1 6 1 5 1 4 6 8 8 0 168  YAZAKI CORP.																		
Patents By Year of Application: 90 17 5 8 8 1 6 1 5 1 4 6 8 8 0 168		4.5	4.5	1.0		1.0	10		_		_	-	•	4	10	•	1.00	
YAZAKI CORP.																		
	ratents by rear or Apprication:	90	1/	5	8	8	1	0	1	5	1	4	0	0	8	U	700	
	YAZAKI CORP.																	
Patents By Year of Grant: 0 0 0 0 1 25 67 52 6 0 0 9 4 1 0 165	Patents By Year of Grant:	0	0	0	0	1	25	67	52	6	0	0	9	4	1	0	165	
Patents By Year of Application: 0 0 22 47 56 23 1 2 0 7 1 6 0 0 165	Patents By Year of Application:	0	0	22	47	56	23	1	2	0	7	1	6	0	0	0	165	

Organizational Patenting				(Grante	d: Jan 0	1, 1977	- Dec 31	, 1999)	R	anked Li	st of Or	ganizati	ons with	50 or	More Pa	tents ·	
	Pre				1000												
	1986	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	TOTAL	
BAUSCH & LOMB, INC.																	
Patents By Year of Grant:	28	3	2	2	3	4	7	3	6	5	3	13	12	37	35	163	
Patents By Year of Application:	35	3	2	10	0	4	3	1	7	8	15	19	34	21	1	163	
EMHART INC.																	
Patents By Year of Grant:	0	0	0	0	0	0	0	8	1	15	15	31	42	33	15	160	
Patents By Year of Application:	0	0	0	4	0	5	4	13	6	12	52	25	38	1	0	160	
OKI ELECTRIC INDUSTRY CO., LTD.																	
Patents By Year of Grant:	43	1	1	15	8	13	13	14	16	5	11	3	5	9	2	159	
Patents By Year of Application:	45	13	13	11	13	10	14	10	6	4	6	4	8	2	0	159	
BRAUN A.G.																	
Patents By Year of Grant:	36	3	3	6	2	5	14	2	10	7	12	14	12	23	8	157	
Patents By Year of Application:	46	2	7	5	11	1	6	5	16	8	15	12	14	9	0	157	
· · · · · · · · · · · · · · · · · · ·																	
S. C. JOHNSON + SON, INC.																	
Patents By Year of Grant:	21	1	3	7	10	14	9	16	9	9	13	7	11	11	14	155	
Patents By Year of Application:	31	12	10	5	12	15	3	9	4	12	10	14	9		1	155	
racenes by rear or approaction.	31						<u> </u>	,	•					·	-	133	
SANYO ELECTRIC CO., LTD.																	
Patents By Year of Grant:	13	7	14	13	8	10	12	9	6	5	9	4	11	19	15	155	
Patents By Year of Application:	45	10	4	8	11	8	7	3	5	8	2	17	14	13	0	155	
racence by rear or appricacion.	13		-				,	,	,	J	4			13	Ū	133	
APPLE COMPUTER, INC.																	
Patents By Year of Grant:	6	5	8	1	4	3	10	12	20	11	17	16	24	5	11	153	
	21	1	6	1	9	15	14	24	10	15	21	7	5	4	0	153	
Patents By Year of Application:	21		0		9	13	14	24	10	15	21	,	5	4	U	153	
LISCO, INC.																	
-	•	•	•	•	•	•	0	•	•	21	0.1	10	10	0.4	10	150	
Patents By Year of Grant:	0 0	0	0	0	0 1	0	1	9	8	31	21	19	19	24 9	19	150	
Patents By Year of Application:	U	0	U	0	1	11	1	31	19	19	20	13	26	9	0	150	
THE L.D. KICHLER CO.																	
Patents By Year of Grant:	0	0	0	0	0	2	4	6	16	6	18	31	26	12	28	149	
Patents By Year of Application:	0	0	0	1	4	5	8	10	10	25	25	24	16	21	0	149	
DAIMLER-BENZ AKTIENGESELLSCHAFT																	
Patents By Year of Grant:	10	5	0	0	2	2	3	6	5	1	4	15	13	38	44	148	
Patents By Year of Application:	15	3	2	2	2	5	5	2	3	16	10	13	40	30	0	148	
NEC CORPORATION																	
Patents By Year of Grant:	3	4	8	6	13	10	12	12	16	21	4	11	10	10	5	145	
Patents By Year of Application:	13	10	17	6	10	15	10	17	8	5	11	12	6	5	0	145	

DESIGN PATENTS, 1977 - 1999															Page	в - 7	
Organizational Patenting				(Grante	ed: Jan (	1, 1977	- Dec 31	, 1999)	F	anked Li	st of Or	ganizati	ons with	50 or	More Pa	atents	
				•		•											
	Pre																
	1986	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	TOTAL	
NORTH AMERICAN PHILIPS CORPORATION																	
Patents By Year of Grant:	57	12	23	13	14	7	12	5	1	0	0	0	0	0	0	144	
Patents By Year of Application:	97	23	4	5	11	2	2	0	0	0	0	0	0	0	0	144	
NOKIA MOBILE PHONES LTD.																	
Patents By Year of Grant:	0	0	0	0	0	0	0	4	8	16	22	4	7	29	52	142	
Patents By Year of Application:	0	0	0	0	0	9	4	12	5	21	10	20	27	34	0	142	
STEELCASE INC.																	
Patents By Year of Grant:	33	3	4	3	4	4	4	7	8	7	12	11	16	10	16	142	
Patents By Year of Application:	41	9	1	1	7	7	3	7	8	11	9	20	7	11	0	142	
SYRACUSE CHINA CORPORATION																	
Patents By Year of Grant:	54	8	16	1	5	8	22	19	4	0	0	0	0	3	0	140	
Patents By Year of Application:	85	0	1	14	31	4	2	0	0	0	0	0	3	0	0	140	
AVIA GROUP INTERNATIONAL, INC.																	
Patents By Year of Grant:	0	0	11	57	23	7	8	12	11	8	1	0	0	0	0	138	
Patents By Year of Application:	0	0	46	42	11	8	13	4	10	4	0	0	0	0	0	138	
BAYERISCHE MOTOREN WERKE AG																	
Patents By Year of Grant:	35	16	1	4	1	4	5	8	1	3	0	8	11	11	30	138	
Patents By Year of Application:	56	1	3	2	5	8	1	1	3	10	6	6	9	27	0	138	
AMERICAN CYANAMID COMPANY																	
Patents By Year of Grant:	97	2	7	1	1	8	0	7	1	1	8	2	1	1	0	137	
Patents By Year of Application:	107	1	6	2	1	6	1	1	4	7	1	0	0	0	0	137	
HUNTER FAN COMPANY																	
Patents By Year of Grant:	0	0	0	0	0	0	0	6	1	11	9	4	17	48	41	137	
Patents By Year of Application:	0	0	0	0	0	3	4	2	18	4	7	31	30	38	0	137	
RUBBERMAID COMMERICAL PRODUCTS INC.																	
Patents By Year of Grant:	28	3	5	6	6	11	12	14	10	2	8	11	7	9	4	136	
Patents By Year of Application:	38	7	9	9	13	12	7	0	2	11	13	3	8	4	0	136	
INDUSTRIA NATUZZI SPA																	
Patents By Year of Grant:	0	0	0	0	0	0	0	0	2	9	32	29	28	30	5	135	
Patents By Year of Application:	0	0	0	0	0	0	1	4	23	30	19	38	16	4	0	135	
SUNBEAM CORPORATION																	
Patents By Year of Grant:	78	2	4	2	4	10	3	3	2	7	19	1	0	0	0	135	
Detects Do Ween of Application.	0.0		-		2	2	- 1	_	_	1.4	•	^	^	^	•	1 2 5	

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Patents By Year of Application:

DESIGN PATENTS, 1977 - 1999 Page B - 8

Organizational Patenting				(Grante	d: Jan 0	1, 1977	- Dec 31,	, 1999)		Ranked Li	st of Or	ganizati	ons with	50 oı	More Pa	atents -	
	Pre																
	1986	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	TOTAL	
COOPER INDUSTRIES INC.																	
Patents By Year of Grant:	4	2	8	3	7	10	18	11	11	24	8	7	3	7	9	132	
Patents By Year of Application:	15	9	13	8	10	15	6	14	15	7	4	4	7	5	0	132	
YAMAHA CORPORATION																	
Patents By Year of Grant:	0	0	0	0	0	8	20	19	7	22	6	12	11	9	16	130	
Patents By Year of Application:	0	0	2	10	18	19	9	14	9	3	17	9	9	10	1	130	
V VIVENIAMETY TVA																	
M. KAMENSTEIN, INC.	5	2	0	0	11	17	,	1.4	36	2	0	^	1	7	29	127	
Patents By Year of Grant:	5 7	0	0	13	10	27	3 13	14 19	1	0	0	0	1 6	30	29	127	
Patents By Year of Application:	,	U	U	13	10	21	13	19		U	U	1	ь	30	U	127	
SAMSONITE CORPORATION																	
Patents By Year of Grant:	34	11	7	5	3	9	15	3	12	7	5	6	4	4	2	127	
Patents By Year of Application:	55	10	7	5	9	5	7	5	5	6	3	8	1	1	0	127	
1400105 27 1041 01 11-			•	•	-	•	•			·	•	•	_	_	· ·		
SOUTHPAC TRUST INTERNATIONAL, INC.																	
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	7	71	36	13	127	
Patents By Year of Application:	0	0	0	0	0	0	1	4	10	1	38	41	26	6	0	127	
MEAD CORPORATION																	
Patents By Year of Grant:	30	0	1	3	4	7	11	3	5	6	8	3	4	23	17	125	
Patents By Year of Application:	34	3	3	4	12	7	1	6	7	4	1	25	11	7	0	125	
AMERICAN COMMERCIAL INCORPORATED																	
Patents By Year of Grant:	56	57	7	0	0	0	0	0	0	0	0	0	0	0	0	120	
Patents By Year of Application:	120	0	0	0	0	0	0	0	0	0	0	0	0	0	0	120	
14117 1144111 114411 114411																	
ASAHI KOGAKU KOGYO KABUSHIKI KAISHA	•	•	^	1	,	,	4	-	1.0	10	10	•	10	_	24	110	
Patents By Year of Application	2	0 1	0	1	6 2	3 7	4 15	5 9	16 10	12 14	19 8	9 14	12 9	6 16	24 3	119 119	
Patents By Year of Application:	2	1	0	3	2	,	13	9	10	14	0	14	9	10	3	119	
THE LITTLE TIKES COMPANY																	
Patents By Year of Grant:	0	2	0	1	1	5	6	8	17	14	18	19	8	11	8	118	
Patents By Year of Application:	3	0	2	5	5	13	4	13	21	12	19	10	6	5	0	118	
LEVER BROS. CO., DIVISION OF CONOPCO,	INC.																
Patents By Year of Grant:	24	5	10	1	3	8	3	3	10	9	6	23	4	4	4	117	
Patents By Year of Application:	38	6	5	2	4	4	12	7	4	1	26	3	3	2	0	117	
FRIEDRICH GROHE AKTIENGESELLSCHAFT																	
Patents By Year of Grant:	0	0	0	0	0	0	0	0	17	10	2	22	7	27	31	116	
Patents By Year of Application:	0	0	0	0	0	0	18	9	0	0	31	0	35	18	5	116	

Organizational Patenting				(Grante	ed: Jan (	1977	- Dec 31	. 1999)	F	Ranked Li	st of Or	ganizati	ons with	50 or	More Pa	atents	
organizacional racencing				(Grance	ou. oui.	, , , , , ,	DCC 31	, 1000,	-	tuinicu 11	.50 01 01	gaminaci	.0110 #1011	. 50 01	nore re	recirco	
	Pre																
	1986	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	TOTAL	
OLYMPUS OPTICAL CO., LTD.																	
Patents By Year of Grant:	53	6	1	3	4	4	6	3	10	9	3	1	3	4	6	116	
Patents By Year of Application:	60	7	4	6	2	2	10	8	2	1	1	3	5	5	0	116	
CITIZEN WATCH CO., LTD.																	
Patents By Year of Grant:	23	10	15	15	3	3	3	1	8	3	15	7	5	2	2	115	
Patents By Year of Application:	63	3	4	0	3	2	5	3	3	13	9	4	2	1	0	115	
1400100 27 1041 01 1441104010111	•		-			=			•		-	-	=	-	Ū		
ELDON INDUSTRIES, INC.																	
Patents By Year of Grant:	30	1	4	7	7	24	14	21	7	0	0	0	0	0	0	115	
Patents By Year of Application:	44	7	19	3	22	14	6	0	0	0	0	0	0	0	0	115	
TOTES, INCORPORATED																	
Patents By Year of Grant:	17	13	21	7	2	21	22	5	0	0	0	5	1	1	0	115	
Patents By Year of Application:	48	8	4	16	9	16	7	0	0	0	4	3	0	0	0	115	
WARNER-LAMBERT COMPANY		-	•	•	•	_	_					•		-	_	115	
Patents By Year of Grant:	53	7	3 7	0	3 2	5 11	5 2	11	1 4	6 2	4	3 5	4	5	5	115	
Patents By Year of Application:	65	U	7	3	2	11	2	5	4	2	4	5	4	1	0	115	
GROSFILLEX S.A.R.L. (SOCIETE A RESPON	SARTI.TTE	T.TMTTER	)														
Patents By Year of Grant:	5	0	0	0	1	1	0	13	20	7	5	18	14	16	14	114	
Patents By Year of Application:	5	1	1	1	12	15	8	4	5	11	9	16	18	8	0	114	
ONEIDA LTD.																	
Patents By Year of Grant:	42	4	3	12	1	2	4	1	12	2	8	4	5	5	9	114	
Patents By Year of Application:	57	5	2	3	2	5	7	0	4	7	3	6	5	7	1	114	
HERMAN MILLER INC.																	
Patents By Year of Grant:	1	0	3	12	9	16	11	15	16	3	6	6	6	1	8	113	
Patents By Year of Application:	10	13	18	10	4	15	9	8	1	12	1	3	1	8	0	113	
AMEROCK CORPORATION																	
AMEROCK CORPORATION  Patents By Year of Grant:	70	1	2	15	3	4	0	8	0	0	7	0	0	0	0	110	
Patents By Year of Application:	70 81	9	1	3	1	8	0	0	7	0	0	0	0	0	0	110	
1 domes by roar or appricacion.	0.1	_	-	<b>J</b>	-		v	J	,	J	J	•	·	J	J	110	
CONAIR, INC.																	
Patents By Year of Grant:	27	3	6	5	3	6	3	3	1	10	7	8	9	11	8	110	
Patents By Year of Application:	35	8	1	5	3	3	1	6	7	7	9	7	13	5	0	110	
WESTINGHOUSE ELECTRIC CORP.																	
Patents By Year of Grant:	14	1	2	0	1	1	2	12	30	14	26	4	2	0	1	110	
Patents By Year of Application:	17	3	2	0	3	28	11	5	17	21	2	0	1	0	0	110	

Organizational Patenting				(Grante	d: Jan 0	1, 1977	- Dec 31	, 1999)	Ra	anked Li	st of Or	ganizatio	ons with	50 or	More Pa	tents -	
	Pre																
	1986	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	TOTAL	
UNIVERSAL FURNITURE INDUSTRIES, INC.	(BENCHCR	AFT DIVI	SION)														
Patents By Year of Grant:	0	0	0	0	1	3	0	4	2	7	16	45	15	12	3	108	
Patents By Year of Application:	0	2	0	2	5	1	0	9	3	21	42	16	5	2	0	108	
OWENS-ILLINOIS INC.																	
Patents By Year of Grant:	92	8	7	0	0	0	0	0	0	0	0	0	0	0	0	107	
Patents By Year of Application:	107	0	0	0	0	0	0	0	0	0	0	0	0	0	0	107	
		-	-		-	-	•	-	-	-	-	-	-	-	-		
HENREDON FURNITURE INDUSTRIES, INC.																	
Patents By Year of Grant:	0	0	0	0	0	0	0	21	13	5	8	17	39	3	0	106	
		0	0	0			0	0		11	8			0	0		
Patents By Year of Application:	0	U	U	U	15	20	U	U	11	11	8	40	1	U	U	106	
ROWENTA-WERKE GMBH																	
Patents By Year of Grant:	28	2	14	3	6	4	9	7	3	3	2	9	8	6	2	106	
Patents By Year of Application:	48	3	4	7	7	2	6	2	1	9	6	7	2	2	0	106	
XEROX CORPORATION																	
Patents By Year of Grant:	57	2	1	24	0	1	0	0	2	4	2	3	1	6	3	106	
Patents By Year of Application:	84	0	1	0	0	0	3	2	3	5	3	1	1	2	1	106	
CERTAIN-TEED CORPORATION																	
Patents By Year of Grant:	1	0	4	0	5	29	17	1	11	4	0	8	4	9	12	105	
Patents By Year of Application:	7	4	3	20	24	3	11	2	1	0	9	14	5	2	0	105	
GENERAL MILLS, INC.																	
Patents By Year of Grant:	11	3	1	0	0	1	14	16	18	5	8	12	5	5	5	104	
Patents By Year of Application:	15	0	0	10	4	19	13	7	8	6	11	5	2	4	0	104	
racenes by rear or approaction.			•		•					•		,	_	•	•		
CHESEBROUGH-POND'S USA CO., DIVISION (	OF COMOD	CO, INC.															
Patents By Year of Grant:	2	0	0	0	0	5	23	0	8	9	10	12	14	15	5	103	
<del>-</del>	2	0	2	13	13	1	3	9	9	16	8	15	10	2	0	103	
Patents By Year of Application:	2	U		13	13		3	9	9	10	•	15	10		U	103	
GOVERN GOVERNMEN GODERN TANG																	
COMPAQ COMPUTER CORPORATION, INC.																	
Patents By Year of Grant:	1	0	0	2	1	6	5	2	10	10	24	19	3	4	15	102	
Patents By Year of Application:	1	3	3	7	3	6	5	10	22	18	3	5	3	13	0	102	
PARTECIPAZIONI BULGARI S.P.A.																	
Patents By Year of Grant:	0	2	4	0	7	48	19	7	5	0	5	1	3	0	0	101	
Patents By Year of Application:	7	0	38	27	9	11	0	1	0	7	1	0	0	0	0	101	
CORNING INCORPORATED																	
Patents By Year of Grant:	85	3	0	2	3	0	1	0	0	2	1	2	0	0	1	100	
Patents By Year of Application:	90	2	1	0	1	0	2	0	1	2	0	0	1	0	0	100	

	Organizational Patenting	(Granted: Jan 01,	1977 - Dec 31,	1999)	Ranked List of Organizations	with 50	or More Patents	
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Organizational Patenting				(Grante	ea: Jan (	11, 1977	- Dec 31	, 1999)	F	kanked Li	st or Or	ganızatı	ons with	50 or	More Pa	tents	-
	Pre																
	1986	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	TOTAL	
TELEFONAKTIEBOLAGET LM ERICSSON																	
				_	_	_	_						_				
Patents By Year of Grant:	38	11	2	2	1	1	1	0	Ü	0	1	2	3	19	18	99	
Patents By Year of Application:	53	0	1	2	0	0	0	0	0	5	2	22	9	5	0	99	
SIMMONS JUVENILE PRODUCTS COMPANY, IN	īC.																
Patents By Year of Grant:	0	0	0	3	1	2	2	7	4	13	16	19	15	7	9	98	
Patents By Year of Application:	0	4	2	0	4	3	5	6	13	18	15	14	5	9	0	98	
racence by rear or apprication:	U	-	2	U	-	3	3	U	13	10	13	14	3	,	U	36	
STANLEY WORKS																	
Patents By Year of Grant:	29	0	3	4	9	9	13	1	5	2	3	1	1	6	12	98	
Patents By Year of Application:	37	2	9	10	9	2	3	2	2	2	0	5	3	12	0	98	
FUJITSU LIMITED																	
Patents By Year of Grant:	7	4	2	1	4	3	7	6	0	3	7	3	5	41	4	97	
<del>-</del>									-		-						
Patents By Year of Application:	12	2	5	5	2	11	1	3	5	3	2	2	42	2	0	97	
HONEYWELL INC.																	
Patents By Year of Grant:	23	2	3	1	0	2	9	1	6	4	11	2	2	16	15	97	
Patents By Year of Application:	29	0	3	4	5	1	4	5	4	9	2	11	11	9	0	97	
PALLISER FURNITURE LTD.																	
				_													
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	0	33	64	97	
Patents By Year of Application:	0	0	0	0	0	0	0	0	0	0	0	15	55	27	0	97	
REVLON, INC.																	
Patents By Year of Grant:	50	6	0	1	4	7	21	8	0	0	0	0	0	0	0	97	
Patents By Year of Application:	57	3	2	10	19	6	0	0	0	0	0	0	0	0	0	97	
racenes by rear or appricacion.	3,	•	_	10		Ü	Ü	•	Ü	ŭ	•	ŭ	Ū	•	Ū	٠,	
DOMESTI CULCULA DE S																	
FRATELLI GUZZINI S.P.A.																	
Patents By Year of Grant:	10	9	2	6	9	18	9	13	14	4	0	1	0	0	0	95	
Patents By Year of Application:	25	10	18	4	6	13	4	14	0	0	1	0	0	0	0	95	
GTE PRODUCTS CORPORATION																	
Patents By Year of Grant:	43	8	11	2	8	3	7	0	7	6	0	0	0	0	0	95	
Patents By Year of Application:	64	9	2	2	2	3	8	5	0	0	0	0	0	0	0	95	
racence by rear or Apprication:	04	3	2	2	2	3	0	5	U	U	U	U	U	U	U	33	
PORSCHE AG																	
Patents By Year of Grant:	1	3	0	2	1	1	4	4	2	3	13	9	14	16	22	95	
Patents By Year of Application:	6	1	1	4	1	3	3	1	10	13	9	10	28	5	0	95	
THE HOOVER COMPANY																	
	16	0	,	,	2	7	,	0		4	10	_	10	0	6	0.4	
Patents By Year of Grant:	16	0	3	1	3	7	2	8	8	4	12	5	10	9		94	
Patents By Year of Application:	20	2	6	0	5	3	12	3	12	4	9	6	8	4	0	94	

Organizational Patenting				(Grante	d: Jan (	1, 1977	- Dec 31,	1999)	R	Ranked Li	st of Or	ganizati	ons with	50 or	More Pa	atents	
	Pre																
	1986	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	TOTAL	
EMERSON ELECTRIC CO.																	
Patents By Year of Grant:	32	2	2	3	11	2	2	2	7	4	5	5	4	5	6	92	
Patents By Year of Application:	41	8	1	4	2	2	5	3	1	7	4	3	6	5	0	92	
MATSUSHITA ELECTRIC WORKS, LTD.					_												
Patents By Year of Grant:	22	1	3	8	7	1	1	5 6	7	10	1	4 2	1	10	11	92	
Patents By Year of Application:	29	7	5	U	2	7	7	6	2	1	4	2	12	8	0	92	
NIKON CORPORATION																	
Patents By Year of Grant:	8	0	2	4	0	6	3	4	3	8	7	10	14	19	4	92	
Patents By Year of Application:	12	2	4	4	2	3	3	5	3	13	11	16	12	2	0	92	
14001105 27 1041 01 1441104010111		_	-	-	_			•	ū					_	•		
YOSHIDA KOGYO KABUSHIKI KAISHA																	
Patents By Year of Grant:	8	1	6	1	11	2	19	15	7	4	13	5	0	0	0	92	
Patents By Year of Application:	16	0	12	4	27	5	3	4	12	9	0	0	0	0	0	92	
BRIDGESTONE/FIRESTONE, INC.																	
Patents By Year of Grant:	0	0	0	0	3	11	2	4	7	3	6	10	17	20	8	91	
Patents By Year of Application:	0	0	8	6	3	4	5	4	4	7	13	16	17	4	0	91	
BAXTER INTERNATIONAL INC.		_			_	_			_		_				_		
Patents By Year of Grant:	40 52	3 6	6 5	4 1	5 7	5 4	6 1	4 2	3	3	1 2	4 2	2	2 1	1	89 89	
Patents By Year of Application:	54	6	5	1	,	4	_	2	3	3	2	2	U		U	69	
HON HAI PRECISION IND. CO., LTD.																	
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	2	4	13	70	89	
Patents By Year of Application:	0	0	0	0	0	0	0	0	0	0	6	1	28	43	11	89	
TEXTRON INC.																	
Patents By Year of Grant:	19	0	2	2	8	4	4	17	13	11	7	2	0	0	0	89	
Patents By Year of Application:	23	2	8	4	3	19	6	12	8	4	0	0	0	0	0	89	
AMERICAN HOME PRODUCTS CORPORATION																	
Patents By Year of Grant:	61	7	2	1	7	2	2	0	2	0	2	0	0	0	0	86	
Patents By Year of Application:	70	6	2	3	0	1	1	1	2	0	0	0	0	0	0	86	
DVDA CDAHIII. CODDODATE CO																	
DURACRAFT CORPORATION																	
Patents By Year of Grant: Patents By Year of Application:	•	^	^	^	•	^	•	4	-	10	•	1.5	25	•	•	0.0	
	0	0	0	0	0	0	9	4	5 14	10	9	15	25	9	0	86 86	
racenes 27 rear or approaches	0	0	0	0	0 6	0 7	9 2	4 4	5 14	10 12	9 35	15 6	25 0	9	0	86 86	
-	•	•	0	0	•	•	9 2	-	-		-			-	-		
DUNLOP LIMITED  Patents By Year of Grant:	•	•	0 0	0 0	•	•	9 2 1	-	-		-			-	-		

Organizational Patenting				(Grante	d: Jan 0	1977	- Dec 31	, 1999)	R	anked Li	st of Or	ganizati	ons with	50 or	More Pa	atents -	
	Pre 1986	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	TOTAL	
	1900	1900	1907	1900	1909	1990	1991	1992	1993	1994	1993	1990	1991	1990	1999	TOTAL	
LUCENT TECHNOLOGIES INC.																	
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	11	47	18	9	85	
Patents By Year of Application:	0	0	0	0	0	0	0	0	0	26	35	12	6	6	0	85	
MOULINEX, SOCIETE ANONYME  Patents By Year of Grant:	2	0	2	2	5	1	6	8	9	12	3	10	8	6	11	85	
Patents By Year of Application:	6	2	4	3	8	4	7	12	2	4	9	9	5	10	0	85	
14001105 57 1041 01 11	· ·	_	-		· ·	-	•		_	-	-	-	-	v	· ·		
SUNCAST CORPORATION																	
Patents By Year of Grant:	1	3	1	6	3	3	3	3	0	2	6	6	8	21	19	85	
Patents By Year of Application:	6	6	4	1	0	6	0	0	5	7	4	23	9	14	0	85	
UNITED STATES SURGICAL CORPORATION																	
Patents By Year of Grant:	35	20	0	2	3	0	6	0	5	3	2	2	2	1	3	84	
Patents By Year of Application:	57	2	1	2	2	4	3	2	3	4	U	1	3	0	0	84	
INTERNATIONAL BRAKE INDUSTRIES, INC.																	
Patents By Year of Grant:	0	0	0	0	0	0	0	0	21	7	41	12	0	1	0	82	
Patents By Year of Application:	0	0	0	0	0	0	22	0	9	39	12	0	0	0	0	82	
NEWELL OPERATING COMPANY																	
Patents By Year of Grant:	0	0	0	0	0	0	0	0	1	0	16	28	8	8	21	82	
Patents By Year of Application:	0	0	0	0	0	1	0	0	3	24	24	13	3	14	0	82	
ANCHOR HOCKING CORPORATION  Patents By Year of Grant:	57	4	8	4	0	1	2	2	1	0	1	1	0	0	0	81	
Patents By Year of Application:	64	7	5	0	0	3	0	1	0	1	0	0	0	0	0	81	
racenes by rear or appricacion.	0.2	,	3	Ū	Ū	3	Ū	_	J	-	J	Ū	v	Ū	Ū	01	
TOYOTA JIDOSHA K.K.																	
Patents By Year of Grant:	7	9	19	9	9	10	3	3	1	1	1	2	2	2	3	81	
Patents By Year of Application:	41	11	12	0	1	2	3	0	2	1	3	3	2	0	0	81	
SELFIX, INC.																	
Patents By Year of Grant:	3	4	9	8	3	3	6	0	0	1	5	14	11	6	6	79	
Patents By Year of Application:	24	0	3	7	2	0	0	0	4	2	21	3	7	0	6	79	
TERUMO KABUSHIKI KAISHA (TERUMO CORPO	PATTON )																
Patents By Year of Grant:	RATION)	3	2	2	1	10	15	24	5	8	4	1	0	0	0	79	
Patents By Year of Application:	11	0	9	12	24	9	1	7	3	2	1	0	0	0	0	79	
CHAMPION INTERNATIONAL CORPORATION																	
Patents By Year of Grant:	77	0	0	0	0	1	0	0	0	0	0	0	0	0	0	78	
Patents By Year of Application:	78	0	0	0	0	0	0	0	0	0	0	0	0	0	0	78	

Organizational Patenting				(Grante	d• .Tan 0	1. 1977	- Dec 31	. 1999)	R	anked Li	st of Or	ganizati	ons with	50 or	More Pa	tents	
Organizacional Facencing				(Grance	a. ban b	1, 13//	Dec 31	, 1000,	1	ainea ii	BC OI OI	ganizaci	OIIS WICII	J0 01	MOLE L	rcerres	
	Pre																
	1986	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	TOTAL	
	1300	1700	1307	1300	1303	1330	1771	1,,,,	1,,,,	1,,,,	1,,,,	1000	100,	1330	1,,,,	1011111	
L'OREAL S.A.																	
Patents By Year of Grant:	11	2	3	6	2	12	1	6	6	6	7	0	4	9	3	78	
<del>-</del>	17	5	8	7	4	2	6	5	2	6	0	10	4	1	1	78 78	
Patents By Year of Application:	1/	5	0	,	*	2	0	3	2	0	U	10	4			70	
OAKLEY, INC.	_					_	_										
Patents By Year of Grant:	1	0	2	0	0	1	1	12	4	4	13	10	6	15	9	78	
Patents By Year of Application:	2	1	0	1	2	12	1	9	8	5	9	10	10	8	0	78	
SIEMENS AKTIENGESELLSCHAFT																	
Patents By Year of Grant:	15	2	3	4	7	3	3	3	3	5	9	0	1	1	19	78	
Patents By Year of Application:	23	5	3	5	1	4	1	4	8	3	2	0	19	0	0	78	
YOKOHAMA RUBBER CO., LTD.																	
Patents By Year of Grant:	3	3	2	1	0	0	1	0	4	9	2	9	21	9	14	78	
Patents By Year of Application:	8	1	0	1	0	0	5	8	2	5	20	8	6	14	0	78	
DONGHIA FURNITURE COMPANY, LTD.																	
Patents By Year of Grant:	0	0	0	0	0	0	0	0	4	3	10	11	14	24	11	77	
Patents By Year of Application:	0	0	0	0	1	0	3	0	9	16	2	21	21	4	0	77	
NCR CORPORATION																	
Patents By Year of Grant:	5	2	3	1	14	11	11	3	3	5	4	0	3	9	3	77	
Patents By Year of Application:	10	5	18	8	7	3	5	3	2	2	1	3	8	2	0	77	
14001100 27 1041 01 1-2-2-2011					,		-		-	-	_			_	•	• • • • • • • • • • • • • • • • • • • •	
PI-DESIGN AG																	
Patents By Year of Grant:	0	0	0	0	0	0	0	0	1	6	10	12	16	15	17	77	
_	0	0	0	0	0	2	2	3	12	6	14	15	18	5	0	77	
Patents By Year of Application:	U	U	U	U	U	2		3	12	0	14	13	10	5	U	//	
SINGER COMPANY																	
		_	_	_													
Patents By Year of Grant:	72	2	2	1	0	0	0	0	0	0	0	0	0	0	0	77	
Patents By Year of Application:	76	1	0	0	0	0	0	0	0	0	0	0	0	0	0	77	
AMERICAN OPTICAL CORPORATION																	
Patents By Year of Grant:	70	0	1	0	0	3	2	0	0	0	0	0	0	0	0	76	
Patents By Year of Application:	71	0	0	4	0	1	0	0	0	0	0	0	0	0	0	76	
I. W. INDUSTRIES, INC.																	
Patents By Year of Grant:	0	0	0	0	0	23	4	0	0	11	4	1	5	10	18	76	
Patents By Year of Application:	0	0	23	0	0	4	0	12	0	5	0	4	10	9	9	76	
KIMBERLY-CLARK CORPORATION																	
Patents By Year of Grant:	27	0	2	8	4	1	8	2	2	0	4	6	9	2	0	75	
Patents By Year of Application:	32	5	5	1	6	3	1	1	2	5	10	4	0	0	0	75	

DESIGN PATENTS, 1977 - 1999 Page B - 15

Organizational Patenting	(Granted: Jan 01, 1977 - Dec 31, 1999)	Ranked List of Organizations with 50 or More Patents	

Organizacional racencing				(Grance	a. ban c	, , , , , ,	- Dec 31	, 1000)		anked hi	DC OL OL	ganizaci	OIIS WICII	30 01	MOLE I	CCITCD	
	Pre																
	1986	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	TOTAL	
SAMSUNG ELECTRONICS CO., LTD.																	
Patents By Year of Grant:	1	0	0	0	4	2	0	5	10	7	15	9	7	4	11	75	
Patents By Year of Application:	1	0	0	6	0	9	8	7	2	15	8	7	2	10	0	75	
CONTICO INTERNATIONAL, INC.																	
Patents By Year of Grant:	2	0	0	0	0	1	4	4	3	6	10	9	10	8	16	73	
Patents By Year of Application:	2	1	2	3	0	5	1	3	8	9	11	9	8	11	0	73	
racenes by rear or approaches.	-	-	_	•	·	•	-	•	·	_		_	ŭ		·	, 5	
INGERSOLL-RAND COMPANY																	
Patents By Year of Grant:	2	0	0	0	0	1	3	2	10	6	11	9	10	12	7	73	
<del>-</del>	2	0	0	1	3	4	5	7	8	9	8	16	5	5	0	73 73	
Patents By Year of Application:	4	U	U	1	3	4	5	,	8	9	0	Τ0	5	5	U	13	
DOGUDODE GOMDANU TVG																	
ROCKPORT COMPANY, INC.	•	•				_			1.0			_	_	1.5	1.0		
Patents By Year of Grant:	0	0	0	0	1	0	2	8	12	11	1	5	5	15	13	73	
Patents By Year of Application:	0	0	0	1	0	2	6	14	7	5	5	6	14	13	0	73	
SUN MICROSYSTEMS, INC.																	
Patents By Year of Grant:	0	0	0	0	2	3	3	4	8	4	7	0	10	17	15	73	
Patents By Year of Application:	0	0	0	5	1	8	4	7	6	2	4	10	26	0	0	73	
BEST LOCK CORPORATION																	
Patents By Year of Grant:	1	0	2	0	1	0	0	68	0	0	0	0	0	0	0	72	
Patents By Year of Application:	3	0	1	0	0	0	68	0	0	0	0	0	0	0	0	72	
JOHN J. MADISON CO., INC.																	
Patents By Year of Grant:	69	3	0	0	0	0	0	0	0	0	0	0	0	0	0	72	
Patents By Year of Application:	72	0	0	0	0	0	0	0	0	0	0	0	0	0	0	72	
MOBIL OIL CORP.																	
Patents By Year of Grant:	35	3	4	6	2	3	1	1	6	9	2	0	0	0	0	72	
Patents By Year of Application:	48	1	3	2	0	0	7	7	4	0	0	0	0	0	0	72	
DIGITAL EQUIPMENT CORPORATION																	
Patents By Year of Grant:	8	0	0	2	5	11	7	5	17	7	1	3	0	5	0	71	
Patents By Year of Application:	12	6	11	2	2	8	17	3	4	3	0	1	2	0	0	71	
-1 -1		-		=	=	-	=-	-	-	-	-	=	=	-	,		
GENERAL MOTORS CORPORATION																	
Patents By Year of Grant:	27	6	20	2	6	3	1	1	3	1	0	1	0	0	0	71	
Patents By Year of Application:	54	2	5	3	1	1	3	1	0	1	0	0	0	0	0	71	
racence by rear or appricacion:	74	4	J	3	_	_	3	_	U	_	U	U	U	U	U	, ±	
TUOMACUTLIE ENDNITHING INDIGHDING ING																	
THOMASVILLE FURNITURE INDUSTRIES, INC		^	^	^	^	^	^	^	^	^	_	24	•	10	1.4	71	
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	5	24	9	19	14	71	
Patents By Year of Application:	0	0	U	0	U	0	U	0	0	30	2	26	0	13	0	71	

DESIGN PATENTS, 1977 - 1999 Page B - 16

Organizational Patenting				(Grante	d: Jan 0	1, 1977	- Dec 31,	, 1999)	F	Ranked Li	st of Or	ganizati	ons with	50 or	More Pa	atents	-
	Dwo																
	Pre 1986	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	TOTAL	
	1500	1700	1507	1700	1707	1000	1771	1332	1000	1334	1333	1000	1001	1550	1333	IOIAL	
FISKARS OY AB																	
Patents By Year of Grant:	20	3	2	1	5	2	1	0	12	12	8	1	1	2	0	70	
Patents By Year of Application:	25	5	0	3	1	5	6	8	9	4	2	0	2	0	0	70	
MITA INDUSTRIAL COMPANY LTD.																	
Patents By Year of Grant:	0	0	0	4	0	10	5	8	6	2	7	8	0	15	5	70	
Patents By Year of Application:	0	4	5	5	6	8	5	2	8	7	0	6	11	3	0	70	
JANOME SEWING MACHINE CO. LTD.																	
Patents By Year of Grant:	16	3	14	3	3	7	11	3	3	1	2	1	0	0	2	69	
Patents By Year of Application:	37	8	3	2	7	3	3	1	0	3	0	1	0	1	0	69	
L.A. GEAR, INC.																	
Patents By Year of Grant:	0	0	0	1	10	11	17	15	6	7	0	0	1	0	0	68	
Patents By Year of Application:	0	0	7	15	13	10	13	4	5	0	0	1	0	0	0	68	
PITTWAY CORPORATION																	
Patents By Year of Grant:	22	5	13	1	3	6	4	1	4	0	5	0	1	1	2	68	
Patents By Year of Application:	39	3	9	3	0	1	0	4	1	4	0	1	1	1	1	68	
SEGA ENTERPRISES, LTD.																	
Patents By Year of Grant:	1	0	0	0	0	0	0	0	0	3	3	19	22	8	12	68	
Patents By Year of Application:	1	0	0	0	0	0	0	0	3	4	30	16	7	7	0	68	
THOMSON CONSUMER ELECTRONICS, INC.																	
Patents By Year of Grant:	0	0	0	0	0	1	4	3	3	3	5	6	1	11	31	68	
Patents By Year of Application:	0	0	0	0	3	3	4	2	5	4	5	0	8	33	1	68	
CLAIROL INCORPORATED																	
Patents By Year of Grant:	47	2	3	0	3	0	0	2	9	0	0	1	0	0	0	67	
Patents By Year of Application:	52	2	1	0	3	0	8	0	0	1	0	0	0	0	0	67	
COATS + CLARK INC.																	
Patents By Year of Grant:	54	0	5	3	0	4	1	0	0	0	0	0	0	0	0	67	
Patents By Year of Application:	62	0	0	5	0	0	0	0	0	0	0	0	0	0	0	67	
DEERE + COMPANY																	
Patents By Year of Grant:	2	4	1	0	1	7	4	10	5	7	5	1	4	1	15	67	
Patents By Year of Application:	7	1	1	11	1	9	5	7	0	5	2	3	7	8	0	67	
DOLLARI AME TAMBDAN BLOVAL D.																	
POLLYFLAME INTERNATIONAL B.V.  Patents By Year of Grant:	0	0	0	0	0	0	2	5	28	18	2	0	-	1	3	67	
Patents By Year of Application:	0	0	0	0	2	10	17	23	28 1	3	3	4	3	1	0	67	
racence by rear or apprication:	U	U	J	J	-	10	Τ,	23	_	3	3	-	,	_	J	0,	

Organizational Patenting				(Grante	d: Jan 0	1, 1977	- Dec 31	, 1999)	F	Ranked Li	st of Or	ganizati	ons with	50 or	More Pa	atents ·	
	Pre																
	1986	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	TOTAL	
AKTIEBOLAGET ELECTROLUX																	
Patents By Year of Grant:	4	0	2	2	2	2	7	5	8	6	5	8	5	7	3	66	
Patents By Year of Application:	8	3	1	4	4	5	9	3	6	3	10	6	4	0	0	66	
TEKTRONIX INC.																	
Patents By Year of Grant:	7	0	0	0	0	0	0	1	1	4	3	11	7	7	25	66	
Patents By Year of Application:	7	0	0	0	0	2	0	2	3	2	14	4	10	22	0	66	
GARDENA KRESS & KASTNER GMBH																	
Patents By Year of Grant:	11	4	9	1	0	3	15	5	3	3	4	1	1	5	0	65	
Patents By Year of Application:	25	0	1	3	17	3	0	2	0	8	0	6	0	0	0	65	
HESTAIR KIDDICRAFT LTD.																	
Patents By Year of Grant:	10	17	11	3	13	3	8	0	0	0	0	0	0	0	0	65	
Patents By Year of Application:	39	9	6	4	7	0	0	0	0	0	0	0	0	0	0	65	
LEVITON MANUFACTURING CO. INC.	20	0	4	8	5	7	4	6	3	0	0	1	6	1	0	65	
Patents By Year of Grant: Patents By Year of Application:	35	1	1	11	1	5	3	0	0	1	1	5	1	0	0	65	
Pacenics by rear or Application:	33	1	1	11	-	3	3	U	U	_	1	5	_	U	U	05	
SUMITOMO WIRING SYSTEMS, LTD.																	
Patents By Year of Grant:	0	0	0	0	0	2	25	31	3	0	3	1	0	0	0	65	
Patents By Year of Application:	0	0	6	13	39	2	1	0	2	2	0	0	0	0	0	65	
BECTON, DICKINSON AND COMPANY																	
Patents By Year of Grant:	2	3	1	1	3	2	3	0	2	5	6	1	22	7	6	64	
Patents By Year of Application:	8	2	1	2	2	1	1	1	11	0	16	13	3	3	0	64	
ALLIBERT EXPLOITATION, SOCIETE ANONYME																	
Patents By Year of Grant:	32	3	4	6	0	3	1	3	11	0	0	0	0	0	0	63	
Patents By Year of Application:	44	1	3	2	2	11	0	0	0	0	0	0	0	0	0	63	
1400105 27 1041 01 144110401011		-	_	_	=		•	•		•	ū	ū	•		ū		
ITT CORPORATION																	
Patents By Year of Grant:	30	7	4	0	1	0	4	1	0	2	4	7	2	1	0	63	
Patents By Year of Application:	41	1	0	1	4	0	0	1	2	5	7	1	0	0	0	63	
NIFCO INC.																	
Patents By Year of Grant:	9	2	2	17	0	0	0	2	0	2	4	8	10	6	1	63	
Patents By Year of Application:	19	11	0	0	0	2	0	4	1	3	13	9	1	0	0	63	
QUESTOR CORP.																	
Patents By Year of Grant:	60	3	0	0	0	0	0	0	0	0	0	0	0	0	0	63	
Patents By Year of Application:	63	0	0	0	0	0	0	0	0	0	0	0	0	0	0	63	
			-	-	-	-	-			-	-	-	-	-			

Organizational Patenting				(Grante	d: Jan 0	1, 1977	- Dec 31	, 1999)	R	anked Li	st of Or	ganizati	ons with	50 or	More Pa	atents	
												_					
	Pre																
	1986	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	TOTAL	
RUBBERMAID SPECIALTY PRODUCTS INC.																	
Patents By Year of Grant:	11	0	0	0	0	0	0	0	0	2	12	9	15	11	3	63	
Patents By Year of Application:	11	0	0	0	0	0	0	0	6	12	10	22	2	0	0	63	
SANDVIK AKTIEBOLAG																	
Patents By Year of Grant:	10	0	0	0	0	4	2	7	2	7	7	6	6	6	6	63	
Patents By Year of Application:	10	1	3	2	7	1	2	5	7	5	4	10	1	5	0	63	
SEB																	
Patents By Year of Grant:	12	3	0	2	1	0	3	2	1	1	2	6	5	13	12	63	
Patents By Year of Application:	17	1	0	3	0	2	0	2	2	1	5	6	18	6	0	63	
racence by rear or appricacion.			•	J	•					_	,			J	•	05	
CPG PRODUCTS CORP.																	
Patents By Year of Grant:	55	7	0	0	0	0	0	0	0	0	0	0	0	0	0	62	
Patents By Year of Application:	62	0	0	0	0	0	0	0	0	0	0	0	0	0	0	62	
FORD MOTOR COMPANY																	
Patents By Year of Grant:	4	5	15	5	7	8	1	1	4	5	4	2	1	0	0	62	
Patents By Year of Application:	28	2	12	2	1	3	3	3	5	0	2	1	0	0	0	62	
HARLEY-DAVIDSON MOTOR CO., INC.																	
Patents By Year of Grant:	12	0	0	0	0	0	0	0	0	0	0	10	8	15	17	62	
Patents By Year of Application:	12	0	0	0	0	0	0	0	1	1	11	18	16	3	0	62	
140010D 27 1041 01 1.FF1104010111					•				_	_							
KARSTEN MANUFACTURING CORP.																	
Patents By Year of Grant:	0	0	0	0	0	0	2	1	3	8	9	4	9	10	16	62	
Patents By Year of Application:	0	0	0	2	1	0	3	3	10	5	5	13	5	11	4	62	
MAKITA CORPORATION																	
Patents By Year of Grant:	0	0	0	0	0	0	0	1	10	12	1	5	14	10	9	62	
Patents By Year of Application:	0	0	0	0	0	0	5	9	9	2	4	20	3	9	1	62	
ROSALCO, INC.																	
Patents By Year of Grant:	0	0	0	0	4	20	31	7	0	0	0	0	0	0	0	62	
Patents By Year of Application:	0	0	0	3	26	27	6	0	0	0	0	0	0	0	0	62	
THE CLOROX COMPANY																	
Patents By Year of Grant:	16	0	0	0	0	4	2	9	3	2	2	5	1	9	9	62	
Patents By Year of Application:	16	4	2	0	7	3	2	2	2	4	3	2	10	4	1	62	
ZIMMER, INC.	- 4	^	4	•	•	^	•	_	_	•	10	10	•	•	^		
Patents By Year of Grant: Patents By Year of Application:	14 18	0 1	4 1	0	0	0 4	0 1	2 0	5 10	3 13	12 11	18 3	2 0	2 0	0	62 62	
ratemes by rear or apprication:	10	_	_	J	J	7		U	10	13	11	3	U	U	U	02	

Organizational Patenting	(Granted: Jan 01, 1977 - Dec 31, 19	199)	<ul> <li>Ranked List of Organizations with</li> </ul>	.h 50	or More Patents	

Organizacionar racencing				(Grance		-,		, 1000,		anked hi		J	OIIS WICII	30 01			
	Pre																
	1986	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	TOTAL	
CAT EYE CO., LTD.																	
Patents By Year of Grant:	0	0	0	0	1	4	1	7	4	14	11	4	5	7	3	61	
Patents By Year of Application:	0	1	1	3	4	5	3	6	10	10	10	6	0	1	1	61	
MATTEL INC.																	
Patents By Year of Grant:	39	1	1	2	0	0	1	0	1	2	1	1	1	6	5	61	
		2	0		-	-				1	0			-	0		
Patents By Year of Application:	41	2	0	0	1	1	1	2	0	1	0	6	2	4	Ü	61	
SALOMON S.A.																	
Patents By Year of Grant:	1	3	0	0	0	5	9	11	4	4	2	2	2	4	14	61	
Patents By Year of Application:	4	0	1	9	9	7	3	2	2	4	2	1	8	9	0	61	
- 3001105 27 1001 01 11-5-11-0401011	-	•	_	-	-	•	•	_	_	-	_	_	•	-	•	<b>~-</b>	
DALL CORDORAMION																	
BALL CORPORATION																	
Patents By Year of Grant:	54	0	0	0	0	0	0	0	0	0	0	1	1	2	2	60	
Patents By Year of Application:	54	0	0	0	0	0	0	0	0	0	2	2	1	1	0	60	
DOSKOCIL MANUFACTURING CO., INC.																	
Patents By Year of Grant:	1	0	1	0	5	3	7	1	6	10	14	9	1	0	2	60	
_	3		6		2		•							-			
Patents By Year of Application:	3	0	6	7	2	1	3	4	13	18	1	0	0	2	0	60	
OLIVETTI, ING. C., + C. S.P.A.																	
Patents By Year of Grant:	23	1	0	0	3	20	2	0	4	5	1	0	1	0	0	60	
Patents By Year of Application:	24	0	15	11	0	2	2	2	3	0	1	0	0	0	0	60	
					-	_	_	=	_	-	_	-	-	_			
WHITE CONSOLIDATED INDUSTRIES, INC.																	
Patents By Year of Grant:	1	0	0	0	2	0	2	6	2	2	4	6	22	7	6	60	
Patents By Year of Application:	1	0	3	0	4	0	5	1	4	3	11	17	6	5	0	60	
CARRIER CORPORATION																	
Patents By Year of Grant:	10	3	1	1	5	3	3	5	4	7	8	1	1	3	4	59	
		1	6	3	3	4	1	8	4	4	2	1	2	5	0		
Patents By Year of Application:	15	1	ь	3	3	4	1	8	4	4	2	1	2	5	U	59	
MARINA B CREATION S.A.																	
Patents By Year of Grant:	27	9	11	7	0	1	1	0	0	0	3	0	0	0	0	59	
Patents By Year of Application:	54	0	0	2	0	0	0	0	0	3	0	0	0	0	0	59	
-1		-	-	_	-	-	-	-	-	-	-	-	-	-	,		
MILES INC.																	
Patents By Year of Grant:	20	5	1	2	1	10	3	8	4	4	1	0	0	0	0	59	
Patents By Year of Application:	27	2	4	7	6	5	4	3	1	0	0	0	0	0	0	59	
PACCAR INC.																	
Patents By Year of Grant:	4	0	2	0	2	12	10	2	1	3	1	2	8	5	7	59	
	6	1	10	8	3	3	1	4	0	3	2	14	2	0	2	59	
Patents By Year of Application:	0	1	10	0	3	3	1	4	U	3	4	14	4	U	2	צכ	

Organizational Patenting				(Grante	ed: Jan 0	1, 1977	- Dec 31	, 1999)	F	Ranked Li	st of Or	ganizati	ons with	50 or	More Pa	tents	
	Pre																
	1986	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	TOTAL	
		-500														101111	
SEIKO INSTRUMENTS INC.																	
Patents By Year of Grant:	0	0	0	3	0	1	3	6	7	1	8	4	11	7	8	59	
Patents By Year of Application:	3	0	1	1	4	7	5	1	0	7	12	7	10	1	0	59	
CASIO KEISANKI KABUSHIKI KAISHA																	
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	0	4	54	58	
Patents By Year of Application:	0	0	0	0	0	0	0	0	0	0	0	0	0	50	8	58	
ROBERT KRUPS GMBH & CO. K.G.			•					•			•	_	_				
Patents By Year of Grant:	0	0	0	0	0	0	0	3	13	9	8	6	1	10	8	58	
Patents By Year of Application:	0	0	0	0	0	4	14	7	8	4	3	7	10	1	0	58	
TORO COMPANY																	
Patents By Year of Grant:	16	0	1	1	5	4	5	5	3	2	4	3	2	6	1	58	
Patents By Year of Application:	18	2	4	4	5	2	3	2	4	5	1	1	6	1	0	58	
1400.00 27 1041 01 1.551104010111		_	-	-	J	-		_	-		-	-	· ·	_	·		
YAMAHA HATSUDOKI KABUSHIKI KAISHA, YA	мана мот	OR CO.,	LTD.														
Patents By Year of Grant:	35	1	1	3	0	5	6	1	0	0	1	0	1	3	1	58	
Patents By Year of Application:	38	3	4	1	6	1	0	0	1	0	0	2	2	0	0	58	
BROTHER KOGYO KABUSHIKI KAISHA																	
Patents By Year of Grant:	19	5	0	0	4	3	2	0	1	0	4	3	7	8	1	57	
Patents By Year of Application:	24	0	6	3	0	0	1	0	1	4	8	6	4	0	0	57	
COMPAGNIE GENERALE DES ETABLISSEMENTS																	
Patents By Year of Grant:	54	1	0	1	0	0	0	0	0	0	0	0	0	0	1	57	
Patents By Year of Application:	55	1	0	0	0	0	0	0	0	0	0	0	1	0	0	57	
WANTE CROWN CARRY & CO																	
HANS GROHE GMBH & CO.	•	1	4	,	2	0		11	4	•	0	•		1	4	F.7	
Patents By Year of Application	8 16	1 0	4	3	2	0 2	4 5	11 0	4	2 8	9	0 1	4 1	1 2	4 1	57 57	
Patents By Year of Application:	10	U	2	3	,	2	5	U	3	•	-	1	1	2	1	57	
JOHNSON & JOHNSON CONSUMER PRODUCTS,	TNC																
Patents By Year of Grant:	0	0	0	5	7	5	3	4	1	5	1	9	2	7	8	57	
Patents By Year of Application:	0	12	4	1	4	5	0	4	1	1	12	6	5	2	0	57	
KELSEY-HAYES CO.																	
Patents By Year of Grant:	32	5	10	0	8	0	1	0	0	0	1	0	0	0	0	57	
Patents By Year of Application:	47	6	2	1	0	0	0	0	0	1	0	0	0	0	0	57	
MOBILE HI-TECH WHEELS																	
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	2	3	19	20	13	57	
Patents By Year of Application:	0	0	0	0	0	0	0	0	0	5	0	19	14	18	1	57	

Organizational Patenting				(Grante	d: Jan 0	1977	- Dec 31	, 1999)	R	anked Li	st of Or	ganizati	ons with	50 or	More Pa	atents -	
	Pre 1986	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	TOTAL	
	2500	2500		2500	2303	2000					2333	2330		2000			
PAUL ASSOCIATES, INC.																	
Patents By Year of Grant:	10	0	13	7	16	2	3	6	0	0	0	0	0	0	0	57	
Patents By Year of Application:	23	11	8	7	3	5	0	0	0	0	0	0	0	0	0	57	
PENTEL KABUSHIKI KAISHA																	
Patents By Year of Grant:	22	0	0	0	0	8	4	3	3	4	4	1	3	2	3	57	
Patents By Year of Application:	23	2	6	2	3	3	1	4	3	2	2	3	2	1	0	57	
CARTIER INTERNATIONAL B.V.																	
Patents By Year of Grant:	12	1	0	2	2	2	0	3	5	3	0	1	5	9	11	56	
Patents By Year of Application:	15	0	3	1	1	2	7	1	1	0	5	3	15	2	0	56	
DOMINION PLASTICS INC.																	
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	2	22	26	2	4	56	
Patents By Year of Application:	0	0	0	0	0	0	0	0	0	2	33	16	2	3	0	56	
GIROFLEX-ENTWICKLUNGS-AG																	
Patents By Year of Grant:	22	0	5	1	1	12	0	0	1	6	2	2	0	4	0	56	
Patents By Year of Application:	27	2	12	0	0	1	0	7	0	1	2	0	4	0	0	56	
SHIMANO INC.																	
Patents By Year of Grant:	0	0	0	0	0	0	0	7	3	12	10	2	11	6	5	56	
Patents By Year of Application:	0	0	0	3	1	6	4	16	2	3	4	9	7	1	0	56	
AMERICAN GREETINGS CORPORATION																	
Patents By Year of Grant:	16	12	14	4	0	1	0	1	1	2	1	0	1	0	2	55	
Patents By Year of Application:	46	0	1	0	1	0	0	3	1	0	1	0	0	2	0	55	
BRITISH TELECOMMUNICATION, PLC		_			_	_	_	_	_	_	_						
Patents By Year of Grant:	2	6	2	3	6 8	7	5	7	7	5	5	0	0	0	0	55	
Patents By Year of Application:	11	2	5	8	8	4	4	9	2	2	Ü	0	0	0	0	55	
DRACKETT COMPANY																	
Patents By Year of Grant:	31	3	6	3	6	3	0	0	2	1	0	0	0	0	0	55	
Patents By Year of Application:	39	9	2	2	0	0	3	0	0	0	0	0	0	0	0	55	
HASBRO, INC.																	
Patents By Year of Grant:	26	2	6	2	0	1	0	0	0	1	4	2	4	6	1	55	
Patents By Year of Application:	35	1	1	0	0	0	0	0	1	5	1	6	5	0	0	55	
INTERDICA S.A.																	
Patents By Year of Grant:	38	2	3	6	0	1	5	0	0	0	0	0	0	0	0	55	
Patents By Year of Application:	49	1	0	4	1	0	0	0	0	0	0	0	0	0	0	55	
		_	-	- =	_	_	-	-	-	-	-	_	-	-	•		

Organizational Patenting				(Grante	d: Jan 0	1, 1977	- Dec 31	, 1999)	R	anked Li	st of Or	ganizati	ons with	50 or	More Pa	tents -	
	Pre																
	1986	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	TOTAL	
TEFAL S.A.																	
Patents By Year of Grant:	1	0	1	0	1	0	0	1	2	3	3	9	16	10	8	55	
Patents By Year of Application:	2	0	1	0	0	2	0	4	5	7	7	13	9	5	0	55	
WINSTON FURNITURE COMPANY OF ALABAMA,	INC.																
Patents By Year of Grant:	0	0	0	0	0	0	14	3	15	6	14	2	1	0	0	55	
Patents By Year of Application:	0	1	5	9	4	9	4	5	5	12	1	0	0	0	0	55	
racenes by rear or approaction.	· ·	-	-		•		•	,			-		•		· ·		
BRUNSWICK CORPORATION																	
Patents By Year of Grant:	30	1	4	1	0	0	1	0	0	1	1	4	2	5	4	54	
<del>-</del>					2	0	0		0	2	7	1	5	1			
Patents By Year of Application:	36	0	0	0	2	U	U	0	U	2	7	1	5	1	0	54	
DESIGN INSTITUTE AMERICA, INC.																	
Patents By Year of Grant:	9	10	16	7	4	1	7	0	0	0	0	0	0	0	0	54	
Patents By Year of Application:	37	9	0	1	7	0	0	0	0	0	0	0	0	0	0	54	
ILLINOIS TOOL WORKS INC.																	
Patents By Year of Grant:	14	0	5	4	6	5	3	0	4	2	4	0	0	5	2	54	
Patents By Year of Application:	23	6	4	2	2	1	1	4	2	2	1	1	2	3	0	54	
KNOLL INTERNATIONAL, INC.																	
Patents By Year of Grant:	43	7	2	0	1	0	0	1	0	0	0	0	0	0	0	54	
Patents By Year of Application:	53	0	1	0	0	0	0	0	0	0	0	0	0	0	0	54	
		-				-	-	-	-		-	-	•		-		
NINTENDO CO., LTD.																	
Patents By Year of Grant:	5	0	1	2	1	2	5	2	2	10	5	2	4	3	10	54	
Patents By Year of Application:	8	1	3	0	6	0	3	2	10	4	3	3	3	8	0	54	
Patents by Tear of Application:	0		3	U	0	U	3	4	10	*	3	3	3	0	U	34	
SIMMONS UNIVERSAL CORPORATION																	
		_	_											_			
Patents By Year of Grant:	46	6	2	0	0	0	0	0	0	0	0	0	0	0	0	54	
Patents By Year of Application:	54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	54	
BRIGHT YIN HUEY CO., LTD.																	
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	1	1	6	13	11	21	53	
Patents By Year of Application:	0	0	0	0	0	0	0	0	0	3	7	12	12	11	8	53	
SARA LEE CORPORATION																	
Patents By Year of Grant:	20	0	1	2	0	3	1	0	2	1	3	0	8	8	4	53	
Patents By Year of Application:	22	2	2	1	0	0	3	0	0	3	6	10	3	1	0	53	
ACUSHNET COMPANY																	
Patents By Year of Grant:	8	0	0	0	0	0	6	1	2	1	2	4	8	14	6	52	
Patents By Year of Application:	8	1	3	4	1	0	1	0	1	3	6	9	11	4	0	52	
	-		-			-		-		-	-	-			-		

DESIGN PATENTS, 1977 - 1999															Page	В - 23	
Organizational Patenting				(Grante	d: Jan (	1. 1977	- Dec 31	. 1999)	F	Ranked Li	st of Or	ganizati	ons with	50 or	More Pa	tents	
0-34				(0141100		_,,	200 01	.,,	-		.50 02 02	34		30 02			
	Pre																
	1986	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	TOTAL	
KRAFT GENERAL FOODS, INC.																	
Patents By Year of Grant:	0	0	0	0	0	6	6	8	10	19	2	0	0	0	0	51	
Patents By Year of Application:	0	3	3	7	3	9	7	13	6	0	0	0	0	0	0	51	
L.B. (PLASTICS) LIMITED		_	_				_		_	_	_	_					
Patents By Year of Grant:	13	0 4	7 1	0	8 4	4 16	1 0	16 0	0	0	0	0	0 0	0 2	2 0	51 51	
Patents By Year of Application:	24	4	1	U	4	10	U	U	U	U	U	U	U	2	U	51	
RALLY MANUFACTURING, INC.																	
Patents By Year of Grant:	0	0	0	2	19	5	3	0	0	0	0	0	0	1	21	51	
Patents By Year of Application:	0	24	1	4	0	0	0	0	0	0	0	1	0	20	1	51	
	•		_	-	•	•	•	•	•	•	•	_	•		_		
REHRIG-PACIFIC COMPANY, INC.																	
Patents By Year of Grant:	0	0	0	0	0	0	4	7	1	9	7	0	7	8	8	51	
Patents By Year of Application:	0	0	0	2	4	2	4	10	5	1	5	3	9	6	0	51	
S. T. DUPONT S.A.																	
Patents By Year of Grant:	13	1	1	5	4	1	3	5	4	1	2	3	0	8	0	51	
Patents By Year of Application:	21	4	1	2	4	2	3	1	0	5	0	1	7	0	0	51	
VAUGHAN FURNITURE COMPANY, INCORPORAT		•		•	_	•	_	•		_		•		•			
Patents By Year of Application	29 29	0	0	0	0	0	0	0 6	2 2	5 1	1 10	8 1	4 2	0 0	2 0	51 51	
Patents By Year of Application:	29	U	U	U	U	U	U	0	2	1	10	1	2	U	U	31	
DECOR CORPORATION PROPRIETARY LIMITED	)																
Patents By Year of Grant:	0	8	4	2	8	8	3	1	1	3	0	2	5	1	4	50	
Patents By Year of Application:	14	10	3	5	1	1	2	2	0	0	7	0	1	4	0	50	
MOLNLYCKE AB																	
Patents By Year of Grant:	19	4	6	3	4	1	0	2	8	1	0	2	0	0	0	50	
Patents By Year of Application:	32	1	4	0	1	1	8	1	0	1	1	0	0	0	0	50	
ROBERT KRUPS STIFTUNG & CO. KG																	
Patents By Year of Grant:	0	0	5	4	3	10	13	14	1	0	0	0	0	0	0	50	
Patents By Year of Application:	9	2	11	11	15	2	0	0	0	0	0	0	0	0	0	50	
SIEMON COMPANY																	
Patents By Year of Grant:	2	0	3	2	0	3	2	1	0	1	5	7	5	11	8	50	
Patents By Year of Application:	7	0	2	3	0	1	1	0	4	8	3	9	8	4	0	50	
	-	-	_	-	-	_	_	-	_	-	-	-	-	=	_		
SOUTHCO INC.																	
Patents By Year of Grant:	6	1	0	0	2	1	0	3	7	8	2	6	6	3	5	50	
Patents By Year of Application:	7	0	2	1	1	2	7	4	4	3	9	3	2	5	0	50	
Other Organizations (23983)																	
Patents By Year of Grant:	15704	2405	2503	2340	2532	3139	3669	3548	3949	4352	4613	4570	4513	6216	6752	70805	
Datanta Br. Voor of Appliantion.	22260	2610	2770	2000	2026	2041	2122	2556	2720	4210	4742	EAGE	ESEG	4117	2/1	7000E	

Patents By Year of Application: